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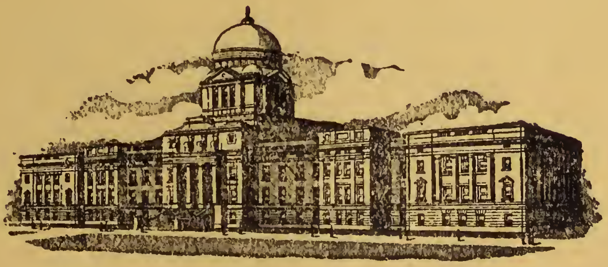
SUMMARY OF
WATER FILINGS AND DECREES
OF RECORD FOR
MONTANA

SIXTH BIENNIAL REPORT
OF THE
STATE ENGINEER
AND OF THE
CAREY LAND ACT BOARD
OF THE
STATE OF MONTANA



1913-1914

A. W. MAHON,
STATE ENGINEER

INDEPENDENT PUBLISHING CO.
HELENA, MONTANA

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OF THE

STATE OF MONTANA

1913-1914

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A Montana Mountain Lake.

Sixth Biennial Report of the State Engineer

Helena, Montana, November 30th, 1914.

To His Excellency,
Hon. Samuel V. Stewart,
Governor of Montana.

Sir:

I have the honor to submit herewith, the Sixth Biennial Report of the State Engineer, embodying a brief analysis of the work of this office, and such recommendations as to me seem advisable. Also a summary of the water records of all streams measured in the state during the years 1912 and 1913, together with precipitation records for the same years, together with an alphabetical summary of the water filings and adjudicated rights on all streams in the state as shown on the records.

The report of the Carey Land Act Board, of which the State Engineer is ex-officio secretary, is also included, its interests being closely interwoven with the duties of this office and with the water resources and records of the state.

Duties Performed.

The duties of the State Engineer of Montana, as performed during the past two years, have been largely of a routine nature, although inaugurating new work and enlarging upon the usefulness of this department. This, however, has been only the stepping stone for results I hope this office will attain in the future.

The State Engineer, briefly stated, acts as supervising engineer of all Carey Land Act Projects in behalf of and as a representative of the state, reporting direct to the Carey Land Act Board and carrying out its instructions and policy. A summary of this work is set forth in the report of that Board.

He also has supervision and direction of the stream gauging work done under state appropriation, and during the past two years has gathered and compiled all recorded water rights and decrees, affecting something like 11,000 streams and 49,000 filings and decrees in the state.

He is also a member of the Contest Board of the State Land Office and ex-officio member of the Montana Highway Commission. Also performing engineering work for other departments, which is mostly routine in character and more properly comes under the head of work performed by those departments.

Precipitation.

A summary of the annual precipitation for all stations of the U. S. Weather Bureau in Montana for the years 1912 and 1913 is included in the Water Resource section of this report, corresponding to the like period of stream measurements and supplementing the summary of all previous records given in the Fifth Biennial Report.

Stream Measurements.

In supervising the expenditure of state funds for the measurement and record of the flow of streams in the state, I have continued to co-operate with Mr. W. A. Lamb, District Engineer of the Water Resources Branch of the U. S. Geological Survey, thus avoiding duplication of work and securing maximum results for the least possible expense.

In this work, Mr. C. S. Heidel, Hydrographer of the State Engineer's office, has been in active charge of the field work, under the direction of this office, and most satisfactory results have been obtained and most cordial relations have at all times existed between the Federal and State service.

A summary of the measurements made, is given in the Water Resource section for the years 1912 and 1913, supplementing the report of all previous measurements, which were published in the Fifth Biennial Report.

Water Filings and Decrees.

In addition to the frequent inquiries for the flow of the streams of the state, not only by our own citizens, but by individuals, companies, banks, bond houses, prospective investors and engineers representing capital seeking investment and coming from all parts of the country, we are also requested for information concerning the water rights on these streams and the status of the ownership of this water. Our sister states have water right laws of such a nature that these people can obtain this information by applying to the State Engineer and upon the presumption that we have similar laws, they apply to this office for the data they require.

This information it has been impossible to give them under our present system, but to remedy this defect as far as possible, I have, during the past two years, gathered all water rights shown upon the records in the various counties of the state, as well as the decrees of adjudication entered in the State and Federal courts pertaining to our streams.

This information I have caused to be compiled and made a part of the records of this office and in the Water Resource section of this report, a summary of this compilation is given, the names arranged alphabetically and showing what stream it is a branch of, the county located in, the number of filings shown on the records, total amount in statutory inches and equivalent in cubic feet per second. Where the stream has been adjudicated, the number of rights decreed are given with the total amount in statutory inches and the equivalent in cubic feet per second.

These records affect something like 11,000 streams in the state, each tributary being counted as an individual stream. They are now available in detail upon each stream in the state and can be had for the nominal cost of blueprinting the sheets, by any one applying to this office.

We have made no effort to carry the records down to present ownership, but simply show what the water right records show as being filed against the stream. Present ownership can only be ascertained by an abstract of the right or rights in question, under the present law. Neither can we give the rights that have actually been appropriated and those that have not. Nor can we give those appropriated by actual diversion and possession, but never placed on record. We will, however, ask assistance to secure more complete information, beginning with the coming year.

The work we have thus far accomplished is merely the necessary stepping stone to the information we ought to have, and we have only been able to gather and compile the data on hand by straining every resource of this department, with its limited funds, and by the office force voluntarily working over hours every day for the past year and a half.

Acknowledgement is due to Mr. W. A. Lamb, of the U. S. Geological Survey, for co-operation in this work and also to the Abstractors in the several counties of the state, without whose co-operation this compilation would not have been possible with the limited resources at our disposal.

Recommendations.

The measurement of streams is an important function of any state that desires capital to develop its resources. These records are also of great importance in the adjudication of water rights.

The water right filings and adjudications are also important and necessary data in any case of proposed development.

More important than either of these, is the data showing what water is actually diverted from the stream for beneficial use; the number and actual amount of appropriations made from the streams; the land actually under ditch and amount of water actually diverted upon it; the amount of land susceptible to irrigation along the stream; and such other details as each stream and valley will show, by examination, as being pertinent to the water supply and its beneficial use.

I therefore recommend, that in addition to stream measurements and records of water filings made on streams in this state, that this office begin a system of hydrographic reconnoissance work upon the several streams of the state. That the work proceed in a systematic manner, by drainage basins, to the end that we may eventually have an estimate of the land under actual irrigation, and land susceptible of irrigation, as well as of the water actually used and susceptible of beneficial use on all streams and tributaries within our boundaries. These records to be available to the public as fast as compiled.

For the purpose of general hydrographic work by this office, as outlined above, for stream measurement, keeping up records of water filings and for hydrographic reconnoissance, I recommend the appropriation of $12,500.00 for the year 1915 and $13,500.00 for the year 1916.

I also recommend, that due consideration be given the advisability of a change in our water right laws to embody a system of records and regulations in harmony with the laws of our neighboring states.

Respectfully submitted,
A. W. MAHON, State Engineer.

Water Resource Section of the State Engineer's Sixth Biennial Report

PRECIPITATION.

In the following tables on precipitation are given, for various stations in Montana, rainfall data obtained from the reports of the U. S. Weather Bureau. The first table gives, so far as available, the name of the station, the county in which it is situated, its elevation, the precipitation for 1912 and 1913, the tributary basin, and the main drainage basin in which each station is located. Where only part of a year is recorded, a foot note indicates the amount for the months recorded.

In the second table the weather stations are listed according to drainage basins and tributary basins, enabling a person who desires rainfall data in any particular drainage area to tell at once at what points records are available.

These tables are supplementary to the data published in Fifth Biennial Report, which gives for each station the elevation, the years of record, the total number of years recorded, and the normal, maximum, and minimum annual precipitation for all years previous to 1912.

U. S. WEATHER REPORTS ON PRECIPITATION IN MONTANA FOR 1912-'13.

Station.	County.	Elevation—Feet.	Precipitation—Inches.		Tributary Basin.	Drainage Basin
			1912	1913		
Absarokee	Stillwater	4.000	.....	a	Stillwater	Yellowstone.
Adel	Cascade	5,200	25.12	21.42	Smith	Missouri.
Agricultural College	Gallatin	4.900	21.65	18.67	Gallatin	Missouri.
Anaconda	Deer Lodge	5,330	14.40	15.56	Clark Fork	Clark Fork.
Augusta	Lewis and Clark	4,071	b	16.95	Sun	Missouri.
Babb	Teton	4,461	c	.....	St. Mary	St. Mary.
Bald Butte	Lewis & Clark	6,500	24.01	23.91	Missouri	Missouri.
Belton	Flathead	.....	.....	d	Flathead	Clark Fork.
Big Timber	Sweetgrass	4,094	16.07	16.72	Yellowstone	Yellowstone.
Big Timber Creek	Sweetgrass	.....	21.24	.....	Yellowstone	Yellowstone.
Billings	Yellowstone	3.115	17.61	12.69	Yellowstone	Yellowstone.
Birch Creek	Teton	.....	e	.....	Marias	Missouri.
Blackleaf	Teton	4,260	17.09	14.52	Marias	Missouri.
Bloomfield	Dawson	.....	f	.....	Yellowstone	Yellowstone.
Boulder Nursery	Jefferson	5.200	18.38	g	Jefferson	Missouri.
Bowen	Beaverhead	6.060	11.21	.....	Jefferson	Missouri.
Box Elder	Hill	2,677	.....	h	Milk	Missouri.
Brenner	Beaverhead	.....	.....	i	Jefferson	Missouri.
Bridger	Carbon	3,664	9.97	7.68	Clark Fork	Yellowstone.
Broadview	Yellowstone	3,800	17.24	j	Musselshell	Missouri.
Browning	Teton	4.440	.....	10.80	Marias	Missouri.
Busby	Bighorn	.....	21.98	14.38	Yellowstone	Yellowstone.
Busteed	Stillwater	4,050	17.00	16.15	Yellowstone	Yellowstone.
Butte	Silver Bow	5,716	11.98	17.55	Clark Fork	Clark Fork.
Cabin Creek	Beaverhead	.....	9.63	.....	Jefferson	Missouri.
Cameron	Madison	.....	.....	k	Madison	Missouri.
Canyon Ferry	Lewis & Clark	3,670	10.71	10.38	Missouri	Missouri.
Cascade	Cascade	3,361	16.99	18.56	Missouri	Missouri.
Chessman Reservoir	Lewis & Clark	5,275	25.98	.....	Missouri	Missouri.
Chester	Hill	3,132	9.24	9.15	Marias	Missouri.
Chinook	Blaine	2,502	13.22	11.82	Milk	Missouri.
Clemons	Lewis & Clark	4,672	20.33	.....	Dearborn	Missouri.
Clyde Park	Park	5,027	13.49	12.77	Shields	Yellowstone.
Columbia Falls	Flathead	3,100	22.62	19.87	Flathead	Clark Fork.
Como	Ravalli	3,750	13.95	12.35	Bitterroot	Clark Fork.
Conrad	Teton	3,501	l	m	Marias	Missouri.
Copper	Meagher	5,680	13.91	14.76	Musselshell	Missouri.
Crow Agency	Bighorn	3,041	25.25	13.37	Bighorn	Yellowstone.
Culbertson	Sheridan	1.927	17.85	13.96	Missouri	Missouri.
Cut Bank	Teton	3,745	10.32	11.89	Marias	Missouri.
Dayton	Flathead	2,925	10.91	14.66	Flathead	Clark Fork.

U. S. WEATHER REPORTS ON PRECIPITATION IN MONTANA FOR 1912-'13.—(Cont.)

Station.	County.	Elevation—Feet.	Precipitation Inches 1912	Precipitation Inches 1913	Tributary Basin	Basin Drainage
Deer Lodge	Powell	4,768	n	o	Clark Fork	Clark Fork.
Denton	Fergus	3,500	13.80	15.91	Judith	Missouri.
Dillon	Beaverhead	5,143	21.18	21.92	Jefferson	Missouri.
Dry Creek	Broadwater	5.500	27.71	.....	Missouri	Missouri.
Dry Wolf Camp	Cascade	6.000	21.38	p	Missouri	Missouri.
Dunkirk	Toole	3,450	q	9.85	Marias	Missouri.
East Anaconda	Deer Lodge	5,500	14.75	12.57	Clark Fork	Clark Fork.
East Gallatin River	Gallatin	6,000	20.77	.....	Gallatin	Missouri.
Ekalaka	Fallon	.....	r	12.17	Little Missouri	Little Missouri.
Elkhorn	Jefferson	6,576	19.87	.....	Jefferson	Missouri.
Fallon	Custer	2,208	15.84	15.46	Yellowstone	Yellowstone.
Findon	Meagher	6,000	16.45	18.95	Musselshell	Missouri.
Fish Creek	Silver Bow	8,500	23.13	s	Jefferson	Missouri.
Flathead Creek	Gallatin	6,000	18.47	.....	Shields	Yellowstone.
Forsyth	Rosebud	2,514	t	15.52	Yellowstone	Yellowstone.
Fort Benton	Chouteau	2,630	14.50	u	Missouri	Missouri.
Fort Shaw	Cascade	3.500	9.84	12.70	Sun	Missouri.
Fortine	Lincoln	2,975	.....	16.50	Tobacco	Kootenai.
Foster	Bighorn	2,800	20.07	12.10	Yellowstone	Yellowstone.
Garneil	Fergus	5,500	27.11	30.06	Judith	Missouri.
Glacier Park	Teton	4.786	.....	v	Marias	Missouri.
Glasgow	Valley	2,092	17.90	w	Milk	Missouri.
Glendive	Dawson	2,069	18.27	12.73	Yellowstone	Yellowstone.
Gold Butte	Hill	3,500	8.55	10.55	Marias	Missouri.
Graham	Custer	.....	17.41	14.88	Powder	Yellowstone.
Grayling	Gallatin	6.700	x	.....	Madison	Missouri.
Great Falls	Cascade	3,350	15.54	16.19	Missouri	Missouri.
Half Way House	Broadwater	6,000	y	.....	Missouri	Missouri.
Hamilton	Ravalli	3,524	13.29	9.27	Bitterroot	Clark Fork.
Harlowton	Meagher	4,160	8.75	z	Musselshell	Missouri.
Hat Creek	Powell	6,000	25.66	24.50	Clark Fork	Clark Fork.
Haugan	Mineral	3,150	.....	24.25	St. Regis	Clark Fork.
Havre	Hill	2,505	12.26	11.37	Milk	Missouri.
Hebgen Dam	Gallatin	6,700	.....	27.06	Madison	Missouri.
Helena	Lewis & Clark	4,110	14.69	12.00	Missouri	Missouri.
Heron	Sanders	2,261	a-1	b-1	Clark Fork	Clark Fork.
Highwood	Chouteau	.....	.....	23.79	Missouri	Missouri.
Huntley	Yellowstone	3.037	18.17	12.49	Yellowstone	Yellowstone.
Jones Canyon	Gallatin	6,800	38.11	.....	.....	Missouri.
Jordan	Dawson	.....	c-1	.....	Missouri	Missouri.
Kalispell	Flathead	2,965	11.70	13.97	Flathead	Clark Fork.

U. S. WEATHER REPORTS ON PRECIPITATION IN MONTANA FOR 1912-'13.—(Cont.)

Station	County	Elevation Feet	Precipitation Inches		Tributary Basin	Drainage Basin
			1912	1913		
Knobles Ranch	Toole	.....	14.24	16.81	Milk	Missouri.
Lewistown	Fergus	4,006	18.78	18.70	Judith	Missouri.
Libby	Lincoln	2,075	15.90	13.27	Kootenai	Kootenai.
Lima	Beaverhead	2,053	.....	d-1	Jefferson	Missouri.
Lonetree	Chouteau	3,280	19.55	e-1	Missouri	Missouri.
Lost Creek	Deer Lodge	5,200	12.98	.....	Jefferson	Missouri.
Lothair	Hill	3,301	.....	13.22	Marias	Missouri.
Lytle	Chouteau	.....	f-1	11.70	Marias	Missouri.
McGinnis Meadows	.....	....	*......	.....	......	......
Malta	Valley	2,250	17.56	11.29	Milk	Missouri.
Medicine Lake	Sheridan	1,969	15.02	10.22	Missouri	Missouri.
Melstone	Musselshell	2,903	g-1	h-1	Musselshell	Missouri.
Mildred	Custer	2,364	20.33	17.29	Yellowstone	Yellowstone.
Miles City	Custer	2,371	20.09	17.98	Yellowstone	Yellowstone.
Missoula	Missoula	3,225	17.06	i-1	Clark Fork	Clark Fork.
Norris	Madison	4.845	14.81	19.07	Madison	Missouri.
Olsen Creek	Jefferson	6,345	15.88	j-1	Jefferson	Missouri.
Ophir	Powell	6,800	28.19	k-1	Little Blackfoot	Clark Fork.
Ovando	Powell	4.050	23.91	20.26	Big Blackfoot	Clark Fork.
Philipsburg	Granite	5.273	.....	16.28	Clark Fork	Clark Fork.
Pine Grove	Musselshell	.....	l-1	20.59	Musselshell	Missouri.
Pipestone Pass	Jefferson	7,000	19.66	m-1	Jefferson	Missouri.
Plains	Sanders	2.473	n-1	15.09	Clark Fork	Clark Fork.
Pleasant Valley	Flathead	3.500	19.29	15.94	Fisher	Kootenai.
Plevna	Fallon	2,757	0-1	12.24	Yellowstone	Yellowstone.
Polson	Flathead	2.920	15.03	p-1	Flathead	Clark Fork.
Poplar	Sheridan	2,020	15.51	11.06	Missouri	Missouri.
Red Lodge	Carbon	5,548	19.85	16.45	Clark Fork	Yellowstone.
Renova	Jefferson	4,360	13.04	12.53	Jefferson	Missouri.
Ryegate	Musselshell	3,640	.....	q-1	Musselshell	Missouri.
St. Ignatius	Missoula	2,911	16.70	17.15	Flathead	Clark Fork.
St. Mary's Lake	Teton	.....	.....	r-1	St. Mary	St. Mary.
Saltese	Mineral	3,600	36.21	s-1	St. Regis	Clark Fork.
Savage	Richland	1.985	18.77	10.45	Yellowstone	Yellowstone.
Sidney	Richland	1,978	18.98	9.61	Yellowstone	Yellowstone.
Shelby	Teton	3,176	t-1	9.73	Maris	Missouri.
Spokane Ranch	Lewis & Clark	.....	u-1	.....	Missouri	Missouri.
Springbrook	Dawson	.....	19.78	17.57	Missouri	Missouri.
Stacey	Custer	.....	.....	v-1	Tongue	Yellowstone.
Stearns	Lewis & Clark	4.500	24.85	....	Dearborn	Missouri.
Steele's Ranch	......	.....	.....	w-1	......	

U. S. WEATHER REPORTS ON PRECIPITATION IN MONTANA FOR 1912-'13.—(Cont.)

Station	County	Elevation Feet	Precipitation Inches		Tributary Basin.	Drainage Basin
			1912	1913		
Stevensville	Ravalli	3,500	12.90	13.75	Bitterroot	Clark Fork.
Sunlit Farm	Blaine	3,170	13.06	11.43	Milk	Missouri.
Sun River Canyon	Teton	4,650	**x-1**	y-1	Sun	Missouri.
Thompson Falls	Sanders	**2424**	18.02	20.78	Clark Fork	Clark Fork.
Three Forks	Gallatin	4,066	z-1	14.37	Jefferson	Missouri.
Trout Creek	Sanders	2,375	a-2	b-2	Clark Fork	Clark Fork.
Utica	Fergus	5,000	16.59	19.91	Judith	Missouri.
Valentine	Fergus	2,800	12.29	19.89	Musselshell	Missouri.
Valier	Teton	3,825	11.54	10.50	Marias	Missouri.
Victor	Ravalli	3,537	.....	c-2	Bitterroot	Clark Fork.
Virginia City	Madison	5,880	15.57	.....	Jefferson	Missouri.
Wall Rock Mountain	Broadwater	5,600	.....	16.44	Missouri	Missouri.
Wheaton	Musselshell	.....	10.32	15.62	Musselshell	Missouri.
White's Ranch	Custer	.....	d-2	.....	Yellowstone	Yellowstone.
White Surphur Springs	Meagher	5,280	11.67	10.10	Smith	Missouri.
Wilder	Fergus	.....	13.81	14.99	Missouri	Missouri.
Willow Glen Stock Farm	Deer Lodge	5,064	e-2	.....	Clark Fork	Clark Fork.
Wolf Creek	Lewis & Clark	3,460	18.22	15.75	Missouri	Missouri.
Woodville	Jefferson	6,376	14.80	.....	Jefferson	Missouri.
Zortman	Blaine	.....	.....	f-2	Missouri	Missouri.

NOTES FOR PRECIPITATION.

				Inches.
a	Preciptation	at	Absarokee, June-December. 1913	11.69
b	“	“	Augusta, February-December, 1912	15.99
c	“	“	Babb, January-November, 1912	16.29
d	“	“	Belton, December, 1913	0.18
e	“	“	Birch Creek, April-October ,1912	10.81
f	“	“	Bloomfield, March, 1912	0.64
g	“	“	Boulder Nursery, January-September, 1913	15.56
h	“	“	Box Elder, June-December, 1913	7.73
i	“	“	Brenner, November, 1913	0.88
j	“	“	Broadview, January-July and September, 1913	10.93
k	“	“	Cameron ,November-December, 1913	1.13
l	“	“	Conrad, March-April and September-December, 1912	2.90
m	“	“	Conrad, January-March and May-December, 1913	6.89
n	“	“	Deer Lodge, September-December, 1912	4.13
o	“	“	Deer Lodge, January-October ,1913	11.41
p	“	“	Dry Wolf Camp ,January-April, 1913	6.06
q	“	“	Dunkirk, May-December, 1912	6.73
r	“	“	Ekalaka, February-December, 1912	14.03
s	“	“	Fish Creek, January, 1913	0.91
t	“	“	Forsyth, March and May-December, 1912	15.68
u	“	“	Fort Benton, January-April, 1913	2.84
v	“	“	Glacier Park, November-December, 1913	0.60
w	“	“	Glasgow, January-October, 1913	10.78
x	“	“	Grayling, January-February and April-December, 1912	16.35
y	“	“	Half Way House ,February-December, 1912	15.84
z	“	“	Harlowton, January-August and October-December, 1913	7.62
a-1	“	“	Heron, March-December, 1912	25.31
b-1	“	“	Heron, January-October, 1913	21.07
c-1	“	“	Jordan, January-February and September-November, 1912	1.93
d-1	“	“	Lima ,November-December, 1913	0.74
e-1	“	“	Lonetree, January-October 1913	16.28
f-1	“	“	Lytle, March-December, 1912	12.11
g-1	“	“	Melstone, April-May and July, 1912	8.49
h-1	“	“	Melstone, March-August and October-December, 1913	13.57
i-1	“	“	Missoula, January-November, 1913	16.34
j-1	“	“	Olsen Creek, January-May, 1913	4.15
k-1	“	“	Ophir, January, 1913	4.63
l-1		“	Pinegrove, April-September and December, 1912	11.90
m-1	“	“	Pipestone Pass, January-August, 1913	12.75
n-1	“	“	Plains, January-June and August-December, 1912	10.80
o-1	“	“	Plevna, March-December, 1912	16.35
p-1	“	“	Polson, January-August and November-December, 1913	12.07
q-1	“	“	Ryegate, January-March and June-December, 1913	11.65
r-1	“	“	St. Mary's Lake, December, 1913	.02
s-1	“	“	Saltese ,February-December, 1913	24.16
t-1	“	“	Shelby, April-September, 1912	6.75
u-1	“	“	Spokane Ranch, January-July, 1912	7.11
v-1	“	“	Stacey, November-December, 1913	0.10
w-1	“	“	Steele's Ranch, July-September, 1913	4.48
x-1	“	“	Sun River Canyon, March-December, 1912	15.98
y-1	“	“	Sun River Canyon ,January-April and June-December ,1913	12.64
z-1	“	“	Three Forks, January-February, 1912	0.18
a-2	“	“	Trout Creek, October-December, 1912	14.04
b-2	“	“	Trout Creek, March-September and November-December, 1913	16.71
c-2	“	“	Victor, May-September and November-December, 1913	6.46
d-2	“	“	White's Ranch, June-December, 1912	9.62
e-2	“	“	Willow Glen Stock Farm ,Feb., June, Aug., Nov. and Dec. 1912	2.91
f-2	“	“	Zortman, December, 1913	.08
*	“	“	McGinnis' Meadows, January ,1912	1.27

Note: A bulletin giving details of precipitation and climatic conditions for Montana can be obtained from the Montana Experiment Station at Bozeman.

U. S. WEATHER STATIONS.
Located by Drainage Basins.

Drainage Basin.	Tributary Basin.	Weather Stations.
Clark Fork of Columbia	Big Blackfoot	Ovando.
	Bitterroot	Como, Hamilton, Stevensville, Victor.
	Clark Fork	Anaconda, Butte, Deer Lodge, East Anaconda, Hat Creek, Heron, Missoula, Philipsburg, Plains, Thompson Falls, Trout Creek, Willow Glen Stock Farm.
	Little Blackfoot	Ophir.
	Flathead	Belton, Columbia Falls, Dayton, Kalispell, Polson, St. Ignatius, Upper Lake McDonald.
	St. Regis	Haugen, Saltese.
Kootenai	Fisher	Pleasant Valley.
	Kootenai	Libby.
	Tobacco	Fortine.
Little Missouri	Little Missouri	Ekalaka.
Missouri	Dearborn	Clemons, Stearns.
	Gallatin	Agricultural College, East Gallatin River.
	Jefferson	Boulder Nursery, Bowen, Brenner, Cabin Creek, Dillon, Elkhorn, Fish Creek, Lima, Lost Creek, Olsen Creek, Pipestone Pass, Renova, Three Forks, Virginia City, Woodville.
	Judith	Denton, Garniel, Lewistown, Utica.
	Madison	Cameron, Grayling, Hebgen Dam, Norris.
	Marias	Blackleaf, Birch Creek, Browning, Chester, Conrad, Cut Bank, Dunkirk, Glacier Park, Gold Butte, Lothair, Lytle, Shelby, Valier.
	Milk	Box Elder, Chinook, Glasgow, Havre, Knobles Ranch, Malta, Sunlit Farm.
	Missouri	Bald Butte, Canyon Ferry, Cascade, Chessman Reservoir, Culbertson, Dry Creek, Dry Wolf Camp, Evans, Fort Benton, Great Falls, Half Way House, Helena, Highwood. Jones Canyon, Jordan, Lonetree, Medicine Lake, Poplar, Spokane Ranch, Wall Rock Mountain, Wilder, Wolf Creek. Zortman.
	Musselshell	Broadview, Copper, Findon, Harlowton, Melstone, Pinegrove, Ryegate, Valentine, Wheaton.
	Smith	Adel, White Sulphur Springs.
	Sun	Augusta, Fort Shaw, Sun River Canyon.
St. Mary	St. Mary	Babb, St. Mary's Lake.
Yellowstone	Bighorn	Crow Agency.
	Clark Fork	Bridger, Red Lodge.
	Powder	Graham.
	Shields	Clyde Park, Flathead Creek.
	Stillwater	Absarokee.
	Tongue	Stacey.
	Yellowstone	Big Timber, Big Timber Creek, Billings, Bloomfield, Busby, Busteed. Fallon, Forsyth, Foster, Glendive, Huntley, Livingston, Mildred, Miles City, Plevna, Savage, Sidney, White's Ranch.

STREAM MEASUREMENTS.

Explanation of Stream Flow Tables.

The tables showing the flow of various Montana streams have been computed from measurements made by a number of different parties. Part of the work has been done by the U. S. Geological Survey. In recent years the U. S. Reclamation Service has borne the expense of a great deal of the work by paying all expenses of maintaining the numerous gaging stations required in connection with the various Reclamation Service irrigation projects. For some years, the State Engineer's office of Montana has co-operated with the Water Resources Branch of the U. S. Geological Survey. A large part of the work done by the State has been in connection with Carey Act irrigation projects. Recently the U. S. Forest Service has been co-operating with the U. S. Geological Survey in measurements of streams within the boundaries of the National Forests. Their measurements are of value largely for determining power possibilities and limitations.

For each regular gaging station are given, as far as available, such information about the locality as would enable the reader to find the station, the date it was established, the elevation of the station and of the headwaters of the stream, and the general character of the drainage area above the station. The tables consist of the monthly and yearly discharges in second-feet, and the run-off in acre-feet for the years of 1912-1913, and are supplementary to the data published in the Fifth Biennial Report which contains a similar summary of all measurements made previous to 1912.

Following the tables for each station reference is made to the U. S. G. S. reports from which more detail information may be obtained.

In the following tables of stream flow the gaging stations are listed in downstream order. After all stations from the source to the mouth of the main stream have been given, the tributaries are treated in like manner, all stations in each tributary basin being given before taking up the next one below.

Following the stream flow data for the stations maintained in each drainage basin, will be found a list of miscellaneous measurements, which were not made at any of the regular gaging stations.

Definitions.

The volume of water flowing in a stream—the "run-off" or "discharge" —is expressed in various terms, each of which has become associated with a certain class of work. These terms may be divided into two groups: (1) those which represent a rate of flow, as second-feet, miner's inch, and run-off in second-feet per square mile; and (2) those which represent an actual quantity of water as run-off in depth in inches and acre-feet. They may be defined as follows:

"Second-foot" is an abbreviation for cubic foot per second, and is the rate of discharge of water flowing in a stream 1 foot wide, 1 foot deep, and at a rate of 1 foot per second. It is generally used as a fundamental unit from which others are computed.

The "miner's inch" is the rate of discharge of water that passes through an orifice 1 inch square under a head which varies locally. It has been commonly used by miners and irrigators throughout the west, and is defined by statute in each state in which it is used. In Montana the miner's inch is the fortieth part of a second-foot.

"Second-feet per square mile" is applied to the average number of cubic feet of water flowing per second from each square mile of area drained, on the assumption that the run-off is distributed uniformly, both as regards time and area.

"Run-off depth in inches on drainage area" is the depth to which the drainage area would be covered if all the water flowing from it in a given period were conserved and uniformly distributed on the surface. It is used in comparing run-off with rainfall, which is usually expressed in depth in inches.

"Acre-foot" is equivalent to 43,560 cubic feet, and is the quantity required to cover an acre to the depth of 1 foot. It is commonly used in connection with storage for irrigation work. There is a convenient relation between the second-foot and the acre-foot. One second-foot flowing for twenty-four hours will deliver 86,400 cubic feet, or approximately 2 acre-feet.

Table of Convenient Equivalents.

1 second-foot equals 40 Montana Statutory miner's inches.

1 second-foot equals about 1 acre-inch per hour, or enough to cover 1 acre 1 inch deep in 1 hour.

1 second-foot equals 2 acre-feet in 24 hours, nearly, or enough to cover 2 acres 1 foot deep, or 1 acre 2 feet deep, nearly.

1 second-foot equals 7.48 U. S. gallons per second; equals 448.8 gallons per minute; equals 646,272 gallons per day.

1 miner's inch equals 11.22 gallons per minute.

1 miner's inch for 30 days will cover an acre 1.49 feet deep.

1 miner's inch, for the ordinary irrigating season of 150 days, will cover an acre 7.436 feet deep.

1 miner's inch flowing from April to September inclusive (183 days), will cover an acre 9.072 feet deep.

1 gallon equals 8.36 pounds of water.
1 gallon equals 231 cubic inches.
1 acre equals 209 feet square, nearly.
1 acre equals 43,560 square feet.
1 acre-foot equals 43,560 cubic feet.
1 acre-foot equals 325,850 gallons.
1 cubic foot equals 7.48 gallons.
1 cubic foot of water weighs 62.5 pounds.

1 foot per second equals 0.68 mile per hour.

1 second-foot falling 8.8 feet equals 1 horsepower.

1 second-foot falling 11 feet equals 1 horsepower at 80 per cent efficiency.

1 horsepower equals 33,000 pounds falling 1 foot in 1 minute.

1 horsepower equals 550 pounds falling 1 foot in 1 second.

1 horsepower equals 746 watts.

1 1-3 horsepower equals about 1 kilowatt.

River Basins in Montana.

While there are tributaries of but three main river systems in Montana, namely, the Missouri, the Columbia and the St. Mary, still so far as the State itself is concerned, these are further divided. The Yellowstone and Little Missouri rivers leave the State before flowing into the Missouri. The Clark Fork of the Columbia River and the Kootenai River are separate tributaries of the Columbia. Thus we have in Montana six distinct basins, which are the Missouri, the Yellowstone, the Little Missouri, the Clark Fork of Columbia, the Kootenai, and the St. Mary

View on Cut Bank Creek.

MISSOURI RIVER DRAINAGE BASIN.

RED ROCK RIVER.

Observation Station Located in Sec. 32, T. 13 S, R. 6 W., Below Reservoir, Near Monida, Mont.

Established in 1910.
Elevation of Station, about 7,000 feet.
Drainage Area, 560 square miles.

Month.	Discharge in second-feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
January	21	21	21.0	1,290
February	21	19	19.2	1,100
March	21	20	20.4	1,250
April	209	20	57.6	3,430
May	988	94	651	40.000
June	715	186	545	32,400
July	200	98	160	9,840
August	172	113	130	7,990
September	183	109	117	6,960
October	390	120	316	19,400
November	382	278	353	21,000
December	145	6	76.7	4,720
Total recorded	988	6	206	149,000
Monthly Flow for the Year of 1913.				
January	5	5	5	307
February	5	5	5	278
March	5	5	5	307
April	1,120	5	571	34,000
May	1,040	360	658	40,500
June	640	262	491	29,200
July	360	162	237	14,600
August	320	228	254	15,600
September	280	245	265	15,800
October	340	252	282	17,300
November	280	146	189	11,200
December	149	29	41	2,520
Total recorded	1,120	5	251	182,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

BEAVERHEAD RIVER.

Observation Station Located in S. W. ¼ Sec. 20, T. 8 S., R. 9 W., at Barratts, Mont.

Estalbished in 1907.
Elevation of Station, 5,260 feet.
Drainage Area, 2,720 square mile.
Character of Drainage Basin: Varies from high mountains to irrigated valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
March 15-31	440	255	283	9,540
April	900	390	550	32,700
May	2,100	490	1,170	71,900
June	2,900	595	1,640	97,600
July	650	198	329	20,200
August	1,300	340	603	37,100
September	595	340	439	26,100
October	900	390	664	40,800
November 1-11	900	835	870	19,000
Total recorded	....	....	....	355,000
Monthly Flow for the Year of 1913.				
March 15-31	1,510	225	399	13,500
April	1,860	880	1,350	80,300
May	2,070	1,000	1,450	89,200
June	2,280	880	1,540	91,600
July	1,000	350	560	34,400
August	880	350	546	33,600
September	575	350	442	26,300
October	700	600	660	40,600
November	700	500	638	38,000
December	500	265	324	19,900
Total recorded	....	....	....	467,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

JEFFERSON RIVER.

Observation Station Located in Sec. 23, T. 2 S., R. 6 W., Near Silverstar, Montana.

Established in 1910.
Elevation of Station, 4,550 feet.
Drainage Area, 7,940 square miles.
Character of Drainage Basin: Varies from high mountains to irrigated valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
March 25-31	1,180	900	1,070	14,900
April	3,090	1,180	2,010	120,000
May	9,820	2,500	5,990	368,000
June	13,100	5,600	9,600	571,000
July	5,350	1,660	2,640	162,000
August	2,890	1,510	2,030	125,000
September	1,900	1,510	1,740	104,000
October	2,240	1,820	1,970	121,000
Total recorded	....	....	....	1,590,000
Monthly Flow for the Year of 1913.				
April	6,730	1,920	3,730	222,000
May	14,700	2,870	7,060	434,000
June	16,500	4,940	10,500	625,000
July	7,800	950	2,910	179,000
August	2,270	630	1,390	85,500
September	1,680	1,000	1,240	73,800
October	1,920	1,240	1,590	97,800
November	2,000	1,310	1,640	97,600
Total recorded	....	....	....	1,810,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

MISSOURI RIVER.

Observation Station Located in S. W. ¼ Sec. 23, T. 5 N., R. 2 E., at Toston, Montana.

Established in 1910.
Elevation of Station, 3,900 feet.
Elevation of Head Waters, 10,000 feet.
Character of Drainage Basin: Varies from mountains to broad irrigated valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
February, 19-29	3,240	2,850	3,100	67,600
March	4,100	2,020	3,060	188,000
April	6,310	3,380	5,520	328,000
May	17,900	5,580	10,900	670,000
June	26,500.	14,000	20,500	1,220,000
July	13,100	3,380	6,510	400,000
August	7,480	3,660	5,530	340,000
September	6,310	4,890	5,340	318,000
October	5,940	4,890	5,430	334,000
November	5,580	4,250	5,010	298,000
December	4,250	2,020	3,800	234,000
Total Recorded	....	....	....	4,400,000
Monthly Flow for the Year of 1913:				
January	3,280	1,310	2,430	149,000
February	4,500	1,480	2,990	166,000
March	5,580	2,360	3,910	240,000
April	11,300	5,230	8,230	490,000
May	28,200	7,480	14,100	867,000
June	29,800	13,500	21,800	1,300,000
July	15,400	3,950	7,710	474,000
August	7,080	3,520	5,190	319,000
September	5,230	3,110	3,750	223,000
October	5,580	4,250	4,980	306,000
November	5.580	4,250	5,030	299,000
December	4,560	3,110	3,750	231,000
Total Recorded	29,800	1,310	6,990	5,060,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

MISSOURI RIVER.

Observation Station Located in Sec. 35, T. 18 N., R. 1 W., at Cascade, Montana.

Established in 1902.
Elevation of Station 3,380 feet.
Elevation of Head Waters, 10,000 feet.
Drainage Area, 18,300 square miles.
Character of Drainage Basin: Varies from mountains to irrigated valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Montly Flow for the Year of 1912.				
April	7,900	4,840	6,990	416,000
May	22,400	7,560	13,800	848,000
June	28,800	16,400	22,700	1,350,000
July	16,400	2,820	7,020	432,000
August	7,240	2,470	5,010	308,000
September	6,000	4,000	5,080	302,000
October	6,300	3,460	5,680	349,000
November	6,300	4,560	5,700	339,000
December	4,840	....	4,020	247,000
Total Recorded	....	....	....	4,590,000

MISSOURI RIVER—(Continued.)

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913.				
January	....	....	*2,800	172,000
February	....	....	*3,600	200,000
March	....	....	*4,700	289,000
April	13,300	7,080	10,200	607,000
May	27,800	9,160	15,100	928,000
June	31,900	9,900	24,700	1,470,000
July	17,900	2,410	8,650	532,000
August	7,410.	3,340	5,050	311,000
September	4,930	2,200	3,260	194,000
October	7,410	4,110	5,940	365,000
November	7,080	4,930	6,150	366,000
December	5,810	....	(a) 4,290	264,000
Total recorded	31,900	....	7,870	5,700,000

a—Estimated Dec. 22-31, 1913.

*Estimated from daily discharge below Canyon Ferry Dam as furnished by the Montana Power Co.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

MISSOURI RIVER AT FORT BENTON.

Observation Station Located in N. E. ¼ Sec. 26, T. 2 N., R. 8 E., at the Highway Bridge.

Established in 1881.

Elevation of Station, 2,500 feet.

Drainage Area 24,600 square miles.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1911.				
October	6,250	5,900	5,980	368,000
November 1-8	6,250	5,900	5,990	95,000
Monthly Flow for the Year of 1912.				
March 17-31	10,800	5,000	7,030	209,000
April	10,400	7,650	9,330	555,000
May	30,000	10,400	19,200	1,180,000
June	31,900	21,200	28,300	1,680,000
July	21,200	5,600	10,500	646,000
September	....	....	6,480	386,000
Total Recorded	....	....	....	4,660,000
Monthly Flow for the Year of 1913.				
March 16-31	8,450	4,500	5,570	177,000
April	18,000	10,000	13,900	827,000
May	....	....	a 20,400	1,250,000
June	....	....	b 35,800	2,130,000
July	....	5,300	c 12,900	793,000
August	8,800	5,650	7,000	430,000
September	6350	3,750	4,860	289,000
October	10,400	5,000	7,760	477,000
November	8,450	5,650	7,440	443,000
December	6,700	4,250	5,130	315,000
Total Recorded	....	....	....	7,130,000

a—Estimated May 1 to 14 and 16 to 31, 1913.

b—Estimated June 1 to 6 and 11 to 25, 1913.

c—Estimated July 1 to 7, 1913.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 306, 326 and 356.

RUBY RIVER.

Observation Station Located About 8 Miles South of Alder, Mont.

Established in 1911.

Elevation of Station, 5,400 feet.

Drainage Area, 540 square miles.

Character of Drainage Basin: Source in the mountains; irrigated meadows near the station.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
April	219	117	145	8,630
May	1,060	141	422	25,900
June	1,060	407	748	44,500
July	372	140	287	17,600
August	372	165	243	14,900
September	204	115	153	9,100
October	204	152	174	10,700
November	165	115	140	8,330
December 1-7	140	128	130	1,860
Total Recorded	....	....	....	142,000
Monthly Flow for the Year 1913.				
June 22-30	570	317	447	7,980
July	490	180	285	17,500
August	230	65	160	9,840
September	127	85	97.1	5,780
October	....	....	179	11,000
November	219	166	186	11,100
December, 1-6	166	141	159	1,890
Total Recorded	....	....	....	65,100

Note: This station is called "Passamari" River in Water Supply Paper No. 326. Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

BIG HOLE RIVER.

Observation Station Located in Sec. 36, T. 1 N., R. 11 W., 4 Miles Above Dewey, Mont.

Established in 1910.

Elevation of Station, 6,000 feet.

Drainage Area, 2,190 square miles.

Character of Drainage Basin: Mountains and agricultural valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Montly Flow for the Year 1912.				
March	265	190	233	14,300
April	2,100	250	1,120	66,600
May	6,930	1,530	4,280	263,000
June	9,270	4,950	6,680	397,000
July	4,590	935	1,910	117,000
August	1,810	470	928	57,100
September	1,130	560	685	40,800
October	755	515	672	41,300
November 1-9	630	492	538	9,600
Total Recorded	....	....	....	1,010,000
Monthly Flow for the Year 1913.				
March 14-31	332	250	278	9,930
April 1-15	2,460	350	754	22,400
May	9,990	1,280	4,150	255,000
June	11,100	3,300	6,440	383,000
July	4,950	1,280	2,440	150,000
Total recorded	....	....	....	820,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

MUSKRAT CREEK.

Observation Station Located in Sec. 6, T. 6 N., R. 3 W., 1,000 Feet Above Boulder Nursery Near Boulder, Montana.

Estalbished in 1912.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
May	13.5	1.7	6.53	402
June	25.5	7.1	13.5	803
July	9.4	3.2	5.34	328
August	4.6	2.0	2.86	176
September	5.3	2.1	2.95	176
October	4.9	2.6	3.54	218
November	3.6	2.4	2.84	169
December, 1-14	2.4	2.2	2.24	62
Total Recorded	....	....	....	2,330
Monthly Flow for the Year 1913:				
January	1.6	1.2	1.36	83.6
February	1.2	1.0	1.03	57.2
March	1.0	.8	.91	56.0
April	4.8	.8	2.74	163
May	27.4	2.6	8.83	543
June	29.2	82	14.4	857
July	10.0	3.8	5.66	348
August	3.5	1.6	2.55	157
September	2.2	1.2	1.53	91.0
October, 1-14	4.1	1.4	2.71	75.2
Total Recorded	....	....	....	2,430

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

WEST GALLATIN RIVER.

Observation Station Located Four Miles Above Salesville, Mont.

Established in 1895.
Elevation of Station, 5,200 feet.
Elevation of Head Waters, 10,000 feet.
Drainage Area, 860 square miles.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.				Run-off.	
	Max.	Min'm.	Mean	Per S. Mile	Total Acre Ft.	D'pth Ins. in on Dr'n-age Area
Monthly Flow for the Year 1912.						
March, 24-31	335	240	283	.329	4,500	.10
April	590	295	376	.437	22,400	.49
May	4,780	335	1,280	1.49	78,700	1.72
June	5,860	3,180	4,550	5.29	271,000	5.90
July	2,850	880	1,530	1.78	94,100	2.05
August	1,340	530	795	.924	48,900	1.07
September	655	475	536	.623	31,900	.70
October	655	425	541	.629	33,300	.73
November, 1-9	590	380	508	.591	9,070	.20
Total recorded	....	....	....	....	594,000	....
Monthly flow for the year of 1913.						
April	1,060	295	573	.666	34,100	.74
May	6,940	590	2,420	2.81	149,000	3.24
June	6,220	2,700	4,240	4.93	252,000	5.50
July	2,550	880	1,500	1.74	92,200	2.01
Total Recorded	....	....	....	....	527,000	....

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

CROW CREEK.

Observation Station Located in SE¼ Sec. 5, T. 6 N., R. 1 W., near Townsend, Mont. Established in 1912. Character of Drainage Area: Mountainous.

There have been no regular measurements, but some gage heights for 1912 and 1913 are published in U. S. G. S. Water Supply Papers Nos. 326 and 356. One measurement of discharge was made as follows.

January 5, 1912: 6.8 second feet.

DEEP CREEK.

Observation Station Located in Sec. 29, T. 7 N., R. 4 E., 12 Miles East of Townsend, Mont. Established in 1910. Character of Drainage Basin: Mountainous.

There have been no discharge measurements, but some gage heights for 1912 and 1913 are published in U. S. G. S. Water Supply Papers 326 and 356.

PRICKLY PEAR CREEK.

Observation Station Located in Sec. 33, T. 9 N., R. 3 W., One Mile Below Clancy, Mont.

Established in 1908.
Elevation of Station, 4,200 feet.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 178 square miles.
Character of Drainage Basin: Mountainous; a narrow irrigated valley.

Month.	Discharge in second-feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
January	....	....	a25.0	1,540
February	....	....	a27.0	1,550
March	188	....	36.3	2,230
April	75	43	55.2	3,280
May	358	60	140	8,610
June	162	58	107	6,370
July	91	33	60.8	3,740
August	53	26	38.3	2,360
September	53	....	36.6	2,180
October	....	....	57.2	3,520
Total recorded	....	....	....	35,400
Monthly Flow for the Year of 1913:				
January	....	....	a21	1,290
February	....	....	a25	1,390
March	....	....	a35	2,150
April	....	....	92.1	5,480
May	306	62	144	8,850
June	420	110	160	9,520
July	162	27	62.3	3,830
August	51	21	34.3	2,110
September	36	18	26.6	1,580
October	51	30	41.7	2,560
November	75	24	40.8	2,430
December	....	....	a30	1,840
Total recorded	....	....	59.5	43,000

a—Estimated.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

PRICKLY PEAR CREEK.

Observation Station Located in N. E. ¼ Sec. 36, T. 10 N., R. 3 E., at East Helena, Mont.

Established in 1908.
Elevation of Station, 3,880 feet.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 250 square miles.
Character of Drainage Basin: Mountainous; and irrigated valley lands.

Month.	Discharge in second-feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
January	....	....	a27.0	1,660
February	....	....	a28.0	1,610
March	140	....	37.2	2,290
April	51	32	38.5	2,290
May	326	37	148	9,100
June	230	78	140	8,330
July	140	44	69.0	4,240
August	78	15	40.2	2,470
September	78	22	41.2	2,450
October	78	44	61.1	3,760
November, 1-9	88	60	65.0	1,160
Total recorded	....	....	....	39,400
Monthly Flow for the year of 1913:				
March, 16-31	199	....	b66.3	2,100
April	162	50	107	6,370
May	366	89	192	11,800
June	450	156	215	12,800
July	240	78	114	7,010
Total recorded	....	....	....	40,100

a—Estimated.
b—Estimated March 19 to 27, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

LUMP GULCH CREEK.

Observation Station Located in Sec. 4, T. 8 N., R. 3 W., Near Clancy, Mont.

Established in 1908.
Elevation of Station, 4,400 feet.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 43 square miles.
Character of Drainage Basin: Mountainous; a very small irrigated valley.

Month.	Discharge in second-feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
January	....	....	a3.5	215
February	....	....	a3.5	201
March	38	....	a10.3	633
April	31	18	19.2	1,140
May	94	18	40.2	2,470
June	24	7.5	15.8	940
July	12	1.5	7.99	491
August	7.5	1.5	5.76	354
September	38	5.6	9.25	550
October	12	3.8	9.65	593
November, 1-9	9.8	9.8	9.8	175
Total recorded	....	....	....	7,760
Monthly Flow for the Year of 1913.				
April	32	3.7	14.9	887
May	79	18.0	36.5	2,240
June	79	12.0	22.2	1,320
July	22	0.2	4.62	284
Total Recorded	....	....	....	4,730

a—Estimated Jan. 1 to March 23, 1912. Station discontinued in 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

TENMILE CREEK.

Observation Station Located in S. E. ¼ Sec. 22, T. 10 N., R. 4 W., at Broadwater Hotel. near Helena, Mont.

Established in 1908.
Elevation of Station, 4,000.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 105 square miles.
Character of Drainage Basin, Mountains.

Month.	Discharge in second-feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre
Monthly Flow for the Year of 1912:				
January	....	....	a3.0	184
February	....	....	a3.0	173
March	142	....	9.5	584
April	58	12	36.4	2,170
May	278	58	163	10,000
June	168	14	78.6	4,680
July	67	2.3	22.5	1,380
August	12	1.6	3.78	232
September	14	3	8.60	512
October	30	10	20	1,230
November, 1-9	24	21	22.3	398
Total Recorded	....	....	....	21,500
Monthly Flow for the Year of 1913.				
January	....	....	a8.00	492
February	....	....	a6.00	333
March	....	....	a8.00	492
April	132	7.8	58.9	3,500
May	328	72	179	11,000
June	308	67	116	6,900
July	110	6.8	37.3	2,290
August	16	1.8	5.34	328
September	2.5	.7	1.48	88.1
October	38	2.2	14.0	861
November	21	7.4	13.2	786
December	9	3.6	5.44	334
Total Recorded	328	....	38.0	27,400

a—Estimated.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

SEVEN-MILE CREEK.

Observation Station Located in S. W. ¼ Sec. 31, T. 11 N., R. 4 W., Near Birdseye, Mont.

Established in 1909.
Elevation of Station, 4,200 feet.
Elevation of Head Waters, 6,000 feet.
Drainage Area, 34 square miles.
Character of Drainage Basin: Mountainous.

Month.	Discharge in second-feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
July	13	3.3	6.96	428
August	7	1.9	3.87	238
September	4	1.9	2.65	158
October	4	1.9	2.80	172
November, 1-9	4	1.9	3.14	56
Total Recorded	....	....	....	1,050

SEVEN-MILE CREEK—(Continued.)

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
April	19	9	13.9	827
May	41	16	24.3	1,490
June	43	22	32.5	1,930
July	32	13	19.5	1,200
Total Recorded	....	....	....	5,450

Note for 1912: There was a considerable shift in the channel some time in the spring but not enough measurements were made to properly define it. For this reason no estimates have been made for the period previous to July 1. Daily discharge after July 1, was determined from a fairly well-defined rating curve.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

LITTLE PRICKLY PEAR CREEK.

Observation Station Located in N. W. ¼ Sec. 24, T. 12 N., R. 7 W., Near Marysville, Mont.

Established in 1909.
Elevation of Station, 4,700 feet.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 19.5 square miles.
Character of Drainage Basin: Mountainous.

Month.	Discharge in second-feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
April, 12-30	108	34	77.9	2,940
May	315	59	150	9,220
June	246	102	162	9,640
July	102	36	56.6	3,480
August	36	18	27.8	1,710
September	18	15	16.1	958
October	18	15	17.4	1,070
November	15	15	15.0	893
December	15	8	9.9	609
Total recorded	....	....	....	30,500

Note: No measurements were made in 1912.

Reference for daily flow in U. S. G. S. Water Supply papers No. 356.

LITTLE PRICKLY PEAR CREEK.

Observation Station Located in N. W. ¼ Sec. 9, T. 12 N., R. 5 W., Near Canyon Creek, Mont.

Established in 1909.
Elevation of Station, 4,200 feet.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 180 square miles.
Character of Drainage Basin: Mountainous; small irrigated valleys.

Month.	Discharge in second-feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
April, 12-30	285	111	203	7,650
May	665	141	300	18,400
June	460	195	291	17,300
July	215	30	110	6,760
August	30	15	23.4	1,440
September	34	17	23.4	1,390
October	41	17	26.8	1,650
November	53	17	33.7	2,010
December	45	17	28.5	1,750
Total recorded	....	....	....	58,400

Note: No measurements were made in 1912.

Reference for daily flow in U. S. G. S. Water Supply paper No. 356.

NORTH FORK OF NORTH FORK OF SUN RIVER.

Observation Station Located in Sec. 22, T. 22 N., R. 10 W., at Warm Springs, About 28 Miles N. W. of Augusta, Montana.

Established in 1911.
Elevation of Station, 4,800 feet.
Elevation of Head Waters, 8,000 feet.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1911.				
May 27-31	900	700	750	7,440
June	1,960	1,050	1,470	87,500
July	1,050	210	462	28,400
August	255	140	172	10,600
September	....	....	146	8,690
Total Recorded	....	....	....	143,000
Monthly Flow for the Year of 1912.				
April	350	....	208	12,400
May	1,910	255	1,140	70,100
June	1,690	675	1,160	69,000
July	675	170	329	20,200
August	170	130	143	8,790
September	155	130	138	8,210
Total Recorded	....	....	....	189,000

Station discontinued in 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 306 and 326.

NORTH FORK OF SUN RIVER.

Observation Station Located in Sec. 33, T. 22 N., R. 7 W., 12 Miles Northwest of Augusta, Mont.

Established in 1889.
Elevation of Station, 4,300 feet.
Elevation of Head Waters, 8,000 feet.
Drainage Area, 634 square miles.
Character of Drainage Basin: The greater part is mountainous above the station.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
March 25-31	250	210	224	3,110
April	990	222	637	37,900
May	5,670	870	3,000	184,000
June	4,580	1,500	2,910	173,000
July	1,710	470	865	53,200
August	470	282	368	22,600
September	362	300	345	20,500
October	362	265	302	18,600
November	320	265	296	17,600
December	282	265	270	16,600
Total Recorded	....	....	....	547,000
Monthly Flow for the Year of 1913.				
January	300	170	216	13,300
February	250	....	a 185	10,300
March	190	80	112	6,890
April	1,770	170	794	47,200
May	9,830	1,160	3,250	200.000
June	9,080	2,850	5,270	314,000
July	2,700	870	1,470	90,400
August	830	410	651	40,000
September	380	300	328	19,500
October	470	300	364	22,400
November	410	300	356	21,200
December	350	....	206	12,700
Total Recorded	9,830	80	1,100	798,000

a—Estimated Feb. 3 to 8, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

SUN RIVER.

Observation Located in S. W. ¼ Sec. 1, T. 20 N., R. 2 W., at Fort Shaw ,Montana.

Established in 1912.
Elevation of Station, 3,500 feet.
Elevation of Head Waters, 8,000 feet.
Character of Drainage Basin: Mountainous and benchlands and valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
June 11-30	4,060	1,400	2,460	97,600
July	1,660	495	1,000	61,500
August	692	290	462	28,400
September 1-29	610	350	520	29,900
Monthly Flow for the Year 1913.				
April	....	....	a 1,020	60,700
May	10,300	1,120	3,370	207,000
June	9,700	2,660	5,520	328,000
July	3,020	710	1,430	87,900
August	692	385	484	29,800
September	377	325	340	20,200
Total Recorded	....	....	....	734,000

a—Estimated April 1 to 3 and 4 to 20, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

SUN RIVER.

Observation Station Located in N. E. ¼ Sec. 34, T. 21 N. ,R. 1 W., at Sun River, Mont.

Established in 1905.
Discontinued in 1912.
Elevation of Station, 3,500 feet.
Elevation of Head Waters, 8,000 feet.
Drainage Area, 1,420 square miles.
Character of Drainage Basin: Head waters in mountains; and irrigated valleys and bench lands.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
April	1,080	380	704	41,900
May	6,200	930	3,420	210,000
June	4,320	1,770	3,250	193,000
July	1,770	545	973	59,800
August	595	340	429	26,400
September	570	340	451	26,800
October, 1-5	440	420	428	4,240
Total Recorded	....	....	....	562,000

Reference for daily flow in U. S. G. S. Water Supply paper No. 326.

SOUTH FORK OF NORTH FORK OF SUN RIVER.

Observation Station Located in Sec. 27, T. 22 N., R. 10 W., at Warm Springs, About 28 Miles N. W. of Augusta, Mont.

Established in 1911.
Elevation of Station, 4,800 feet.
Elevation of Head Waters, 8,000 feet.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1911.				
May 27-31	935	645	71.7	711
June	2,740	1,090	1,880	112,000
July	1,090	235	487	29,900
August	275	128	176	10,800
September	170	128	146	8,690
October	148	130	141	8,670
Total Recorded	....	....	....	171,000
Monthly Flow for the Year of 1912.				
April 14-30	342	170	241	8,130
May	2,350	298	1,340	82,400
June	2,160	785	1,420	84,500
July	860	235	399	24,500
August	255	148	177	10,900
September	170	148	166	9,880
Total Recorded	....	....	....	220,000

Station discontinued in 1913.
Reference for daily flow in U. S. G. S. Water Supply Papers Nos. 306 and 326.

WILLOW CREEK.

Observation Station Located in Sec. 34, T. 21 N., R. 7 W., Near Augusta, Montana.

Established in 1905.
Elevation of Station, 4,000 feet.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 89 square miles.
Character of Drainage Basin: Mountainous and irrigated valley land.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
April	37	16	29.3	1,740
May	280	33	100	6,150
June	124	17	62.9	3,740
July	40	19	31.8	1,960
August	25	12	16.6	1,020
September	13	12	12.5	744
October	15	13	13.8	848
November, 1-9	17	13	16.6	296
Total Recorded	....	....	....	16,500
Monthly Flow for the Year of 1913.				
March, 16-31	27	7.5	11.0	349
April	68	21	44.3	2,640
May	189	48	94.6	5,820
June	166	53	101	6,010
July	76	21	42.5	2,610
August	27	8.5	15.3	941
September	8	6.5	6.79	404
October	31	6.5	12.8	787
November	19	11	14.0	833
December 1-6	11	9.8	10.0	119
Total Recorded	....	....	....	20,500

Reference for daily flow in U .S. G. S. Water Supply papers Nos. 326 and 356.

SMITH CREEK.

Observation Station Located in N. E. ¼ Sec.17, T. 19 N., R. 8 W., Near Augusta, Montana.

Established in 1906.

Elevation of Station, 4.600 feet.

Elevation of Head Waters, 7,000 feet.

Drainage Area, 26 square miles.

Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.				Run-off.	
	Max.	Min'm.	Mean.	Per Sq. Mile	Total Acre F.	D'pth in Ins. on Drainage Area
Monthly Flow for the Year of 1912.						
January	.....	....	a7.0	0.269	430	0.31
February	.....	....	a7.0	.269	403	.29
March	.....	....	10.0	.385	615	.44
April	108	10	52.0	2.00	3,090	2.23
May	484	54	153	5.88	9,410	6.78
June	108	34	63.9	2.46	3,800	2.74
July	57	18	32.3	1.24	1,990	1.43
August	23	14	15.9	.612	978	.71
September	14	14	14.0	.538	833	.60
October	41	14	27.7	1.07	1,700	1.23
November 1-16	34	23	30.8	1.18	977	.70
Total Recorded	.....	....	....	....	24,200	....

Station discontinued in 1913.

Reference for daily flow in U. S. G. S. Water Supply paper No. 326 .

SOUTH FORK OF SUN RIVER.

Observation Station Located in Sec. 17, T. 20 N., R. 6 W., at Augusta, Montana.

Established in 1904.

Elevation of Head Waters, 7,000 feet.

Drainage Area, 154 square miles.

Character of Drainage Basin: Mountains and irrigated valley land.

Month.	Discharge in second-feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre
Monthly Flow for the Year of 1912.				
April	120	45	71.0	4,220
May	1,840	90	419	25,800
June	440	60	198	11,800
July	108	44	78.6	4,830
August	60	10	30.0	1,840
September	60	10	28.9	1,720
October	82	30	56.6	3,480
November, 1-10	82	44	61.2	1,210
Total Recorded	....	....	....	54,900
Monthly Flow for the Year of 1913:				
April	290	100	164	9,760
May	1,020	192	394	24,200
June	605	150	334	19,900
July	260	40	114	7,010
August	70	40	45.9	2,820
September	40	30	32.0	1,900
October	70	30	54.2	3,330
November	62	46	53.6	3,190
December 1-7	92	53	69.6	966
Total Recorded	....	....	....	73,100

Reference for daily flow in U. S. G. S. Water Supply Nos. 326 and 356.

FORD CREEK.

Observation Station Located in S. E. ¼ Sec. 31, T. 20 N., R. 8 W., Near Augusta, Mont.

Established in 1906.
Elevation of Station, 4,800 feet.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 18 square miles.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	36	17	25.1	1,490
May	216	29	84.1	5,170
June	119	36	59.8	3,560
July	56	29	36.0	2,210
August	29	17	21.9	1,350
September	17	15	15.4	916
October	29	15	21.7	1,330
November, 1-16	29	23	26.2	831
Total recorded	....	....	....	16,900

Discontinued in 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

FLOWEREE BIG CANAL.

Observation Station Located in N. W. ¼ Sec. 27, T. 21 N., R. 6 W., near Augusta, Mont.

Station maintained only during 1912.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
June, 6-30	92	52	63.8	3,160
July	86	34	51.2	3,150
August	81	0.0	49.8	3,060
September	59	1.0	26.5	1,580
October, 1-25	71	0.0	8.85	439
Total Recorded	....	....	....	11,400

Note: Canal dry after Nov. 1.
Reference for daily flow in U. S. G. S. Water Supply paper No. 326.

CROWN BUTTE CANAL.

Observation Station Located in N. W. ¼ Sec. 8, T. 20 N., R. 4 W., at Riebeling, About 15 Miles East of Augusta, Mont.

Station maintained only during 1912.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
June, 3-30	62.6	24.5	38.9	2,160
July	45.6	38.8	42,5	2,610
August	43.5	14.8	31.2	1,920
September	47.9	3.4	11.1	660
Total recorded	....	....	....	7,350

Reference for daily flow in U. S. G. S. Water Supply paper No. 326.

CROWN BUTTE CANAL.

Observation Located in S. W. ¼ Sec. 8, T. 20 N. R. 3 W., About 6 Miles Above Simms, Mont.

Station maintained only during 1912.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for Year of 1912.				
June 10-30	37.3	21.0	31.4	1,310
July	36.5	27.5	31.2	1,920
August, 17 days	31.0	13.0	24.9	840
Total Recorded	....	....	....	4,070

Reference for daily flow in U. S. G. S. Water Supply paper No. 326.

SUN RIVER CANAL.

Observation Station Located in S. E. ¼ Sec. 28, T. 21 N ,R. 1 W., About One-Half Mile Above Sun River, Mont.

Established in 1912.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
June 4-30	76.0	.2	48.1	2,580
July	62.8	16.5	40.2	2,470
August	43.7	....	22.7	1,400
September	81.4	....	14.8	881
October	10.7	....	5.84	359
November	13.0	9.4	9.92	183
Total Recorded	....	....	....	7,870

Station discontinued in 1913.
Reference for daily flow in U. S. G. S. Water Supply paper No. 326.

SUN RIVER CANAL.

Observation Station Located in S. W. ¼ Sec. 13, T. 21 N., R. 1 E., at Vaughn, Montana.

Established in 1912.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
July	15.8	0	5.85	128
August	17.6	0	7.93	488

Station discontinued in 1913.
Reference for daily flow in U. S. G. S. Water paper No. 326.

MARIAS RIVER.

Observation Station Located in Sec. 20, T. 31 N., R. 2 W., 8 Miles South of Shelby, Mont.
Established in 1902.
Elevation of Station, about 3,200 feet.
Elevation of Head Waters, about 8,500 feet.
Drainage Area, 2,610 suqare miles.
Character of Drainage Basin: Timbered mountains, benchlands and valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
April	2,450	1,060	1,640	97,600
May	6,630	1,480	3,160	194,000
June	2,990	1,260	1,970	117,000
July	1,480	550	923	56,800
August	780	300	497	30,600
September	740	300	523	31,100
October	700	515	592	36,400
November	960	420	674	40,100
Total Recorded	....	....	....	604,000
Monthly Flow for the Year of 1913.				
April	3,800	1,060	2,040	121,000
May	6,480	1,590	3,170	195,000
June	6,030	1,800	3,460	206,000
July	2,300	620	1,060	65,200
August	1,050	480	696	42,800
September	480	240	310	18,400
October	825	265	544	33,400
November	700	550	618	36,800
December 1-13	585	480	526	13,600
Total Recorded	....	....	....	732,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

TWO MEDICINE CREEK.

Observation Station Located in N. E. ¼ Sec. 2, T. 31 N., R. 9 W., near Family, Mont.
Established in 1907.
Drainage Area, 368 square miles .
Character of Drainage Basin: Mountains and rolling bench lands.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	1,150	84	728	43,300
May	2,800	535	1,400	86,100
June	1,230	480	780	46,400
July, 1-17	565	240	356	12,000
October, 1-13	167	96	116	2,990
Monthly Flow for the Year of 1913.				
April, 10-30	1,490	161	985	41,000
May	6,220	350	1850	114,000
June	7,180	985	2260	134,000
July	985	240	490	30,100
August	625	140	279	17,200
September	140	60	111	6,600
October	402	55	248	15,200
November	172	55	101	6,010
December, 1-22	102	43	93.9	4,100
Total recorded	....	....	....	368,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

BADGER CREEK.

Observation Station Located in N. E. ¼ Sec. 19, T. 31 N., R. 8 W., near Family, Mont.
Established in 1907.
Drainage Area, 224 square miles.
Character of Drainage Basin: Mountains and rolling benchlands.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
April	363	182	259	1.16	15,400	1.29
May	1,350	316	731	3.26	44,900	3.76
June	612	316	457	2.04	27,200	2.28
July	363	182	256	1.14	15,700	1.31
August	182	124	163	.728	10,000	.84
September	542	124	160	.714	9,520	.80
October	160	132	151	.674	9,280	.78
November, 1-14	182	141	159	.710	4,420	.37
Total recorded	....	....	....	....	136,000	....
M'nthly Flow Yr. 1913.						
April, 10-30	542	141	434	1.94	18,100	1.51
May	1,780	283	815	3.64	50,100	4.20
June	1,500	206	870	3.88	51,800	4.33
July	416	168	274	1.22	16,800	1.41
August	168	147	159	.710	9,780	.82
September	147	129	134	.598	7,970	.67
October	206	122	157	.701	9,650	.81
November	168	....	a145	.647	8,630	.72
Total Recorded..			....	....	173,000	....

a—Estimated Nov. 22-30, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

CUTBANK CREEK.

Observation Station Located in S. W. ¼ Sec. 1, T. 33 N., R. 6 W., at Cutbank, Mont.
Established in 1905.
Elevation of Station about 3,600 feet.
Elevation of Head Waters, 8,500 feet.
Drainage Area, 971 square miles.
Character of Drainage Basin: Mountains and rolling benchlands.

Month	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
March	....	....	a105	.108	6,460	.12
April	500	118	223	.230	13,300	.26
May	1,640	152	497	.512	30,600	.59
June	500	275	377	.388	22,400	.43
July	360	90	217	.223	13,300	.26
August	210	58	106	.109	6,520	.13
September	104	58	87.3	.090	5,190	.10
October	118	72	88.0	.091	5,410	.10
November, 1-10	96	....	66.7	.069	1,320	.03
Total Recorded....			....	....	104,000	....

CUT BANK CREEK—(Continued.)

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
April, 11-30	995	305	560.	22,200
May	1,330	219	478	29,400
June	1,120	415	662	39,400
July	485	163	260	16,000
August	170	80	121	7,440
September	80	40	58.5	3,480
October	105	40	83.6	5,140
November	105	70	79.2	4,710
Total recorded	....	....	....	128,000

aEstimated March 1-24.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

BIRCH CREEK AT SWIFT DAM.

Observation Station Located About 20 Miles W. of Dupuyer, Mont.

Established in 1913.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913.				
March 26-31	44	39	42.3	503
April	286	46	149	8,870
May	1,210	132	462	28,400
June	1,110	270	527	31,400
July	290	112	172	10,600
August	208	96	127	7,810
September	96	74	81.4	4,840
October	194	70	114	7,010
November	121	77	97.5	5,800
December	84	54	69.1	4,250
Total Recorded	....	....	....	109,000

Reference for daily flow in U. S. G. S. Water Supply paper No. 356.

BIRCH CREEK.

Observation Station Located in Sec. 28, T. 29 N., R. 8 W., 12 Miles Northwest of Dupuyer, Montana.

Established in 1907.
Drainage Area, 186 square miles.
Character of Drainage Basin: Mountains and rolling bench lands.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
January	....	....	a40	.215	2,460	.25
February	....	....	a60	.323	3,450	.35
March	....	....	a40	.215	2,460	.25
April	243	122	1.95	1.05	11,600	1.17
May	842	188	449	2.41	27,600	2.78
June	505	278	384	2.06	22,800	2.30
July	281	136	183	.984	11,300	1.13
August	144	108	120	.645	7,380	.74
September	114	97	103	.554	6,130	.62
October	114	97	104	.559	6,400	.64
November	121	76	101	.543	6,010	.61
December	....	....	a65	.349	4,000	.40
Total Recorded	842	....	154	.828	112,000	11.24

BIRCH CREEK—(Continued.)

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1913.						
January	....	....	a60	.323	3,690	.37
February	....	....	a72	.387	4,000	.40
March	....	....	a76	.409	4,670	.47
April	330	....	b181	.973	10,800	1.09
May	1,200	175	475	2.55	29,200	2.94
June	1,200	305	592	3.18	35,200	3.55
July	335	143	208	1.12	12,800	1.29
August	294	122	169	.909	10,400	1.05
September	122	90	99.9	.537	5,940	.60
October	200	90	136	.731	8,360	.84
November	143	101	120	.645	7,140	.72
December	....	....	a95	.511	5,840	.59
Total Recorded ..	1,200	....	191	1.03	138,000	13.91

a—Estimated.

b—Estimated April 1 to 8. 1913.

Note: The above drainage area was determined by engineers of the Valier Carey project and supersedes the value 155 previously used.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

BIRCH CREEK AT HALL'S RANCH.

Observation Station Located About 4 Miles Below Headgates, Near Dupuyer, Montana.

Established in 1913.

Character of Drainage Basin: Mountains and rolling bench lands.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913.				
May 16-31	910	240	519	16,500
June	660	12	169	10,100
July	58	8	19.9	1,220
August	145	17	67.8	4,170
September	17	4	5.9	351
October	180	10	104	6,400
November	140	98	112	6,660
December	....	....	a 97.5	6,000
Total Recorded	....	....	....	51,400

a—Estimated Dec. 22-31.

Reference for daily flow in U. S. G. S. Water supply paper No. 356.

DUPUYER CREEK.

Observation Station Located in S. W. ¼ Sec. 10, T. 28 N., R. 7 W., at Dupuyer, Montana.

Established in 1908.
Elevation of Station, 4,110 feet.
Drainage Area, 54 square miles.
Character of Drainage Basin: Mountains and rolling benchlands.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
January	....	....	a20	.370	1,230	.43
February	....	....	a35	.648	2,010	.70
March	....	....	a25	.461	1,540	.53
April	86	54	67.4	1.25	4,010	1.40
May	512	54	193	3.57	11,900	4.12
June	259	51	103	1.91	6,130	2.13
July	84	34	53.3	.987	3,280	1.14
August	42	20	31.2	.578	1,920	.67
September	34	20	21.4	.396	1,270	.44
October	28	20	25.4	.470	1,560	.54
November	27	20	21.8	.404	1,300	.45
December	....	....	a20	.370	1,230	.43
Total Recorded	512	....	51.5	.954	37,400	12.98

a—Estimated.

This station was abandoned Dec. 31, 1912, in favor of the one near Valier, which includes the flow of Sheep Creek.

Reference for daily flow in U. S. G. S. Water Supply paper No. 326.

DUPUYER CREEK AT COWELL RANCH.

Observation Station Located in N. E. ¼, N. W. ¼ Sec. 33, T. 29 N., R. 6 W., Near Valier, Mont.

Established in 1912.
Character of Drainage Basin: Mountains and benchlands.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
July, 17-31	58	47	54.3	1,620
August	59	27	36.1	1,220
September	38	24	30.0	1,790
October	47	24	32.6	2,000
November	47	28	36.6	2,180
December	....	....	a30.0	1,840
Total Recorded	....	....	....	10,600
Monthly Flow for the Year of 1913.				
January	....	....	a23	1,410
February	....	....	a23	1,280
March	....	....	a36	2,210
April	132	80	104	6,190
May	304	64	138	8,480
June	254	54	127	7,560
July	98	26	43.2	2,660
August	69	17	28.4	1,750
September	21	11	13.5	803
October	78	13	41.6	2,560
November	61	28	40.9	2,430
December	....	....	a30	1,840
Total Recorded	304	....	54.1	39,200

a—Estimated.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

DRY FORK OF MARIAS RIVER.

Observation Station Located in S. W. ¼ Sec. 36, T. 29 N., R. 5 W., near Valier, Mont.

Established in 1911.

Drainage Area, about 120 square miles.

Character of Drainage Basin: Is entirely of rolling bench lands with no mountains.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
March 25-31	480	83	241	3,350
April	113	17	45.5	2,710
May	600	2	45.1	2,770
June	24	1.5	6.91	411
July	20	1.2	5.82	358
August	7.3	.8	2.11	130
September	7.3	.8	3.44	205
October	28	3.8	8.14	501
November	13	3.0	7.18	427
December	....	....	a2.0	123
Total Recorded	....	....	....	11,000
Monthly Flow for the Year of 1913.				
January	....	....	a1.0	61
February	....	....	a8.5	472
March	....	....	a13.8	848
April	170	14.1	55.1	3,280
May	120	7.8	27.7	1,700
June	80	1.3	8.92	531
July	8.7	.4	1.85	114
August	....	.0	1.35	83
September	....	.0	.2	12
October	32	.0	4.28	263
November	2.8	1.2	1.66	99
December	....	....	a1.5	92
Total Recorded	170	.0	10.4	7,560

a—Estimated.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

TETON RIVER AT STRABANE, MONTANA.

The earlier reports call this station Teton River near Belleview. It was established in 1904. It is located at Peebles' ranch, about sixteen miles west of Chouteau, in the N. E. ¼ Sec. 35, T. 25 N., R. 7 W.

Elevation of Head Waters, 8,000 feet.

Drainage Area, about 170 square miles.

Character of Drainage Basin: Rugged mountains, rolling benches, and a wide valley.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year af 1912.				
January	35	20	26.0	1,600
February	58	32	47.0	2,700
March	35	25	29.3	1,800
April	72	38	58.8	3,500
May	925	72	399	24,500
June	645	280	460	27,400
July	280	124	174	10,700
August	124	78	95.6	5,880
September	92	78	84.3	5,020
October	85	78	80.4	4,940
November	78	61	74.2	4,420
December	61	20	43.8	2,690
Total Recorded	925	20	131	95,200

TETON RIVER AT STRABANE, MONTANA.—(Continued)

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1913.				
January	24	17	20.6	1,270
February	34	19	25.0	1,390
March	37	24	29.4	1,810
April	104	24	60.9	3,620
May	1,290	104	355	21,800
June	1,350	356	760	45,200
July	478	117	246	15,100
August	140	89	116	7,130
September	89	74	83.2	4,950
October	97	74	86.2	5,300
November	89	81	85.5	5,090
December	81	53	69.1	4,250
Total Recorded	1,350	17	162	117,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

TETON RIVER.

Observation Station Located on Augusta Road, 1½ Miles West of Chouteau, Montana.

Re-established in 1913.

Character of Drainage Basin: Mountains, benchlands and valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913.				
May 27-31	909	564	782	7,760
June	1,050	235	552	32,800
July	304	5.0	107	6,580
August	4.2	1.0	2.13	131
September	10	3.0	4.77	284
October	97	12	41.8	2,570
November	60	44	49.	2,920
December 1-6	51	49	50	595
Total Recorded	....	....	....	53,600

Reference for daily flow in U. S. G. S. Water Supply paper No. 356.

SPRING CREEK.

Observation Station Located About ½ Mile S. E. of Strabane, Mont.

Established in 1913.

Character of Drainage Basin: Small valley.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913.				
June	38	2.6	9.04	538
July	28	1.4	4.34	267
August	2.0	.5	.92	56.6
September	2.0	.7	1.03	61.3
October	5.5	1.7	4.13	254
November	5.1	3.7	4.54	270
December	3.7	2.7	3.19	196
Total recorded	....	....	....	1,640

Reference for daily flow in U. S. G. S. Water Supply paper No. 356.

DEEP CREEK.

Observation Station Located in Sec. 26, T. 23 N., R. 8 W., at Frazier's Ranch, near Chouteau, Mont.

Station maintained only during 1912.
Elevation of Station, 4,600 feet.
Elevation of Head Waters, 8,000 feet.
Drainage Area, 38 square miles.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
May, 25-31	307	176	241	6.34	3,350	1.65
June	196	62	130	3.42	7,740	3.82
July	62	30	45.1	1.19	2,770	1.37
August	75	22	32.5	.855	2,000	.99
September	a50	22	30.7	.808	1,830	.90
October	30	22	27.2	.716	1,670	.83
November, 1-15	22	22	22.0	.579	654	.32
Total recorded	....	....	....	....	20,000	....

a—Estimated Sept. 24 to 30, 1912.

Reference for daily flow in U. S. G. S. Water Supply paper No. 326.

DEEP CREEK.

Observation Station Located in N. W. ¼ Sec. 15, T. 23 N., R. 5 W., Near Chouteau, Mont.

Established in 1911.
Elevation of Head Waters, 8,000 feet.
Character of Drainage Basin: Mountains and benchlands.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	118	58	83.8	4,990
May	1,090	76	276	17,000
June	278	86	171	10,200
July	130	36	71.5	4,400
August	76	30	43.9	2,700
September	86	30	40.0	2,380
October	58	24	38.6	2,370
November	76	24	43.0	2,560
Total Recorded	....	....	....	46,600
Monthly Flow for the Year 1913.				
April	158	72	110	6,550
May	644	109	221	13,600
June	515	137	305	18,100
July	190	40	85.9	5,280
August	45	26	35.8	2,200
September	23	11	16.6	988
October	125	14	45.5	2,800
November	44	24	33.4	1,990
Total recorded	....	....	....	51,500

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

WILLOW CREEK.

Observation Station Located in Sec. 14, T. 23 N., R. 6 W., 12 Miles Southwest of Chouteau, Mont.

Established in 1912.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
April	81	29	42.9	2,550
May	735	28	113	6,950
June	66	3	23.2	1,380
July	30	5	12.9	793
August	14	3	6.7	412
September	17	4	9.3	553
October	16	9	11.7	719
November 1-9	17	12	15.1	270
Total Recorded	....	....	....	13,600
Monthly Flow for the Year 1913.				
April	107	34	60.6	3,610
May	237	36	79.4	4,880
June	226	14	60.0	3,570
July	46	5	14.0	861
August	26	.8	6.7	412
September	3	.1	.54	32
October	26	3.0	14.6	898
November	15	8.2	13.0	774
December, 1-6	10	8.2	9.37	112
Total Recorded	....	....	....	15,100

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 annd 356.

MUDDY CREEK.

Observation Station Located in Sec. 27, T. 26 N., R. 6 W., Near Bynum, Montana.

Established in 1912.

Elevation of Head Waters, 7,500 feet.

Character of Drainage Basin: Mountains and benchlands.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
May 24-31	114	72	86.0	1,360
June	72	1	22.8	1,360
July	12	1	6.81	419
August	38	0	7.55	464
September	6	0	2.03	121
October	34	0	3.84	236
November	6	2	3.27	195
December 1-17	3	2	2.35	79
Total Recorded	....	....	....	4,230
Monthly Flow for the Year 1913.				
April	27	5	13.4	797
May	92	4	16.9	1,040
June	320	3	37.9	2,260
July	28	1	6.8	418
August	....	....	a .6	37
September	....	....	a .3	18
October	....	....	a 1.0	61
November	....	....	a 1.0	60
December	....	....	a .7	43
Total Recorded	....	....	....	4,730

a—Estimated from measurements and gage heights.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

BLACKLEAF CREEK.

Observation Station Located in SE. ¼ Sec. 22, T. 26 N., R. 6 W., 2 Miles West of Bynum, Montana.

Established in 1912.
Character of Basin: Mountains and benchlands.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
May 24-31	66	34	46.4	736
June	22	2.0	11.8	702
July	19	2.0	10.1	621
August	19	2.7	6.75	415
September	80	2.7	4.44	264
October	9.5	2.7	4.55	280
November	3.8	2.0	2.95	176
December	....	....	a 2.56	157
Total Recorded	....	....	....	3,350
Monthly Flow for the Year 1913.				
April	91	4	27.8	1,650
May	66	5	17.7	1,090
June	90	1.3	12.7	756
July	25	.4	7.05	433
August	.6	.1	.40	24.6
September	1.3	.1	.41	24.4
October	40.	.6	4.91	302
November	3.0	1.3	2.19	130
December	3.0	1.3	2.64	162
Total Recorded	....	....	....	4,570

a—Estimated December 9-31.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

NORTH FORK OF MUSSELSHELL RIVER.

Observation Station Located in Sec. 6, T. 8 N., R. 12 E., 4 Miles N. of Martinsdale, Mont.

Established in 1907.
Elevation of Station, 4,600 feet.
Elevation of Head Waters, 8,000 feet.
Drainage Area, 244 square miles.
Character of Drainage Basin: Mostly mountainous, with a narrow irrigated valley and some benchlands.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
April	104	80	85.1	5,060
May	572	88	202	12,400
June	216	4	83.2	4,950
July	54	8	22.1	1,360
August	54	8	23.2	1,430
September	32	19	25.1	1,490
October	74	23	34.2	2,100
November 1-25	74	23	34.6	1,720
Total Recorded	....	....	....	30,500
Monthly Flow for the Year 1913.				
April 12-30	....	....	a289	10,900
May	243	84	157	9,650
June	243	84	163	9,700
July	134	17	58.2	3,580
August	34	2	14.2	873
September	25	10	17.2	1,020
October	57	25	34.6	2,130
November	57	....	31.5	1,870
Total Recorded	....	....	....	39,700

a—Estimated April 12 to 16, 1913, from observer's notes and high water marks.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

MUSSELLSHELL RIVER.

Observation Station Located in Sec. 26, T. 8 N., R. 15 E., at Harlowton, Montana.
Established in 1907.
Elevation of Station, 4,160 feet.
Elevation of Head Waters, 9,000 feet.
Drainage Area, 1,150 square miles.
Character of Drainage Basin: Mountainous, benchlands and irrigated valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
March 15-31	156	25	58.5	1,970
April	580	198	303	18,000
May	1,410	198	585	36,000
June	830	118	458	27,300
July	195	36	91.7	5,640
August	64	30	41.7	2,560
September	75	42	56.0	3,330
October	101	75	86.9	5,340
November	118	83	97.1	5,780
Total Recorded	....	....	....	106,000
Monthly Flow for the Year 1913.				
April	932	79	445	26,500
May	1,200	277	602	37,000
June	1,200	406	675	40,200
July	456	77	217	13,300
August	77	28	51.9	3,190
September	53	17	30.7	1,830
October	146	56	106	6,520
November	111	....	a103	6,130
Total recorded	....	....	....	135,000

a—Estimated Nov. 25-30, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

CHECKERBOARD CREEK.

Observation Station Located in S. W. ¼ Sec. 4, T. 9 N., R. 9 E., Near Delpine, Montana.
Established in 1909.
Elevation of Station, 5,500 feet.
Elevation of Head Waters, 7,000 feet.
Rainfall observed at Copper, Mont.
Drainage Area, 23 square miles.
Character of Drainage Basin: Steep, rocky, partially forested mountains.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1913.				
May 21-31	68	26	44.3	967
June	39	12	21.7	1,290
July	12	6.4	8.86	545
August	7.6	4.4	6.85	421
Total Recorded	....	....	....	3,220

April 7, 1912, the discharge was 7.2 second feet near the mouth.
April 13, 1913, the discharge was 110 second feet at this station.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

SOUTH FORK OF MUSSELSHELL RIVER.

Observation Station Located in Sec. 12, T. 8 N., R. 11 E., 1½ Miles East of Martinsdale, Mont.

Established in 1907.
Elevation of Station, 4,600 feet.
Elevation of Head Waters, 9,000 feet.
Drainage Area, 288 square miles.
Character of Drainage Basin: Mountains and irrigated valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet
Monthly Flow for the Year 1912.				
April	202	67	112	5,550
May	800	84	355	21,800
June	530	72	290	17,300
July	127	4	39.8	2,450
August	29	4	17.1	1,050
September	17	11	13.9	827
October	58	12	29.9	1,840
November	67	19	42.5	2,530
Total Recorded	....	....	....	53,300
Monthly Flow for the Year 1913.				
April, 16-30	453	148	280	8,330
May	1,000	134	405	24,900
June	789	155	340	20,200
July	170	11	65	4,000
August	22	3.2	12.4	762
September	11	4.4	6.96	414
October	67	5.5	35	2,150
November	43	....	a30.2	1,800
Total Recorded	....	....	....	62,600

a—Estimated Nov. 18-30, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

AMERICAN FORK.

Observation Station Located in T. 7 N., R. 15 E.. 5 Miles Southeast of Harlowton, Mont.

Established in 1907.
Elevation of Station, 4,300 feet.
Elevation of Head Waters, 8,000 feet.
Drainage Area, 110 square miles.

Character of Drainage Basin. Source in Crazy Mountains. Most of basin is sloping gradually to the northeast.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913.				
May 19-31	386	22	169	4,360
June	313	46	154	9,160
July	93	0.3	23.0	1,410
August	4.1	0.0	1.17	72
September	3.0	0.0	0.56	.33
October	7.0	0.3	3.29	202
November 1-22	4.1	1.3	2.72	119
Total Recorded	....	....	....	15,400

Note.—A measurement on April 8, 1912, showed a discharge of 3.7 second feet.
Reference for daily flow in U. S. G. S. Water Supply paper No. 356.

LEBO CREEK.

Observation Station Located in T. 7 N., R. 15 E., 5 Miles Southeast of Harlowton, Mont.

Established in 1907.

Elevation of Station, 4,300 feet.

Elevation of Head Waters, 5,600 feet.

Drainage Area, 48 square miles.

Character of Drainage Basin: Almost flat. Stream fed by springs.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1913.				
May 19-31	37	14	20.1	518
June	81	14	31.0	1,840
July	18	4.2	9.73	598
August	15	6.2	11.0	676
September	18	12	14.6	869
October	30	15	19.2	1,180
November 1-22	22	16	20.6	899
Total Recorded	....	....	....	6,580

April 8, 1912, a measurement showed 20 second feet.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

FLATWILLOW CREEK.

Observation Station Located in Sec. 23, T. 12 N., R. 25 E., 8 Miles Above Flatwillow, Mont.

Established in 1911.

Elevation of Head Waters, 7,000 feet.

Drainage Area, 175 square miles.

Character of Drainage Basin: Source in Big Snowy Mountains; flows through an irrigated valley.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
April 9-30	135	70	100	4,360
May	232	115	159	9,780
June	218	14	100	5,950
July	50	7.0	23.4	1,440
August	18	2.5	7.48	460
September	30	1.0	11.2	666
October	35	18	26.7	1,640
November 1-25	35	22	29.0	1,440
Total Recorded	....	....	....	25,700
Monthly Flow for the Year 1913.				
April 6-30	197	104	158	7,840
May	258	119	167	10,300
June	307	104	148	8,810
July	149	40	80.1	4,930
August	40	22	26.4	1,620
September	28	19	22.4	1,330
October	44	22	31.2	1,920
November	44	32	37.1	2,210
December	48	32	38.6	2,370
Total Recorded	....	....	....	41,300

Reference for daily flow in U. S. G. S Water Supply papers Nos. 326 annd 356.

SOUTH FORK OF MILK RIVER.

Observation Station Located in S. W. ¼ Sec. 29, T. 37 N., R. 9 W., 40 Miles Northeast of Browning, Mont.

Established in 1905.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 315 square miles.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
April	445	134	239	0.759	14,200	0.85
May	731	124	196	.622	12,100	.72
June	124	42	77.0	.244	4,580	.27
July	168	36	83.2	.264	5,120	.30
August	81	16	37.4	.119	2,300	.14
September	54	16	33.5	.106	1,990	.12
October	60	16	44.9	.143	2,760	.16
November	81	9	37.5	.119	2,230	.13
December, 1-9	42	31	32.8	.104	586	.03
Total recorded	....	....	....	....	45,900	....
M'nthly Flow Yr. 1913.						
April, 13-30	864	211	479	1.52	17,100	1.02
May	494	196	311	.987	19,100	1.14
June	386	104	196	.622	11,700	.74
July	173	50	79.3	.252	4,880	.29
August	104	22	44.0	.140	2,700	.16
September	40	15	22.7	.072	1,350	.08
October	131	22	52.2	.166	3,210	.19
November-a	51	20	31.2	.099	1,860	.11
December-b	34	15	19.5	.062	1,200	.71
Total recorded	....	....	....	....	63,100	....

a—Estimated November 1 to 17, 1913.
b—Estimated December 11 to 31, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

MILK RIVER AT CANADIAN BOUNDARY.

Observation Station Located Near Goldstone, Mont.

Established in 1913.
Drainage Area, 2,448 square miles.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1913.						
April	1,858	60	944.0	0.385	56,172	0.431
May	937	363	530.0	.217	32,588	.250
June	702	179	320.0	.131	19,041	.146
July	739	69	180.0	.074	11,068	.085
August	216	52	84.8	.035	5,214	.040
September	51	22	31.5	.013	1,874	.014
October	98	46	65.5	.027	4,027	.031
November	112	59	80.9	.033	4,814	.037
Total recorded	....	....	....	....	135,000	1.03

Reference for daily flow in U. S. G. S. Water Supply paper No. 356.

MILK RIVER.

Observation Station Located in S. E. ¼ Sec. 5, T. 32 N., R. 16 E., at Havre, Mont.

Established in 1898.
Elevation of Station, 2, 470 feet.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 5,050 square miles.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
March, 24,31	7,790	745	3900	61,900
April	4,280	500	1440	85,700
May	920	265	466	28,700
June	500	110	243	14,500
July	150	85	115	7,070
August	170	40	77.0	4,740
September	170	34	73.5	4,370
October	122	85	104	6,400
November	122	48	96.6	5,750
Total recorded	....	....	....	219,000
Monthly Flow for the year of 1913:				
April	2,540	625	1360	80,900
May	1,080	395	607	37,300
June	685	195	360	21,400
July	565	31	181	11,100
August	698	31	96.3	5,920
September	38	7	16.5	982
October	123	20	60.4	3,710
November	70	58	63.6	3,780
December, 1-9	70	58	67.3	1,200
Total recorded	....	....	....	166,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

MILK RIVER.

Observation Station Located in S. W. ¼ Sec. 17., T. 30 N., R. 30 E., at Malta, Mont.

Established in 1902.
Elevation of Station, 2,250 feet.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 14,000 square miles.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
April	9,320	1,280	5,540	330,000
May	3,060	540	1,230	75,600
June	1,620	238	719	42,800
July	780	135	257	15,800
August	405	135	211	13,000
September	255	110	145	8,630
October	255	190	210	12,900
November	255	135	206	12,300
Total Recorded	....	....	....	511,000
Monthly Flow for the Year of 1913:				
April 6-30	4,100	1,140	2,560	127,000
May	....	....	a1,080	66,400
June	....	....	b 377	22,400
July	916	17	282	17,300
August	152	8	48.2	2,960
September	76	31	40.7	2,420
October	360	31	82.9	5,100
November	281	85	144	8,570
Total Recorded	....	....	....	252,000

a—Estimated May 10-31, 1913.
b—Estimated June 1-3, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

MILK RIVER.

Observation Station Located in N. E. ¼ S. W. ¼ Sec. 33, T. 31 N., R. 36 E., at Hinsdale, Mont.

Established in 1908.
Elevation of Station, 2,120 feet.
Elevation of Head Waters, 7,000 feet.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
April	24,200	2,230	12,900	768,000
May	10,000	1,430	3,220	198,000
June	3,140	600	1,720	102,000
July	1,430	255	604	37,100
August	3,700	188	879	54,000
September	1,120	188	337	20,100
October	382	240	275	16,900
November	....	....	265	15,800
Total Recorded	....	....	....	1,210,000
Monthly Flow for the Year of 1913:				
April 4-30	7,380	1,560	3,580	192,000
May	3,490	820	1,310	80,600
June	1,560	390	703	41,800
July-a	1,180	93	459	28,200
August	213	56	84.7	5,210
September	122	20	49.6	2,950
October 1-24	90	35	54.2	2,580
Total Recorded	....	....	....	353,000

a—Estimated July 10-19, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 annd 356.

NORTH FORK OF MILK RIVER.

Observation Station Located About 2 Miles South of the Canadian Boundary and 35 Miles North of Browning, Mont.

Established in 1911.
Elevation of Station, 4,200 feet.
Elevation of Head Waters, 5,000 feet.
Character of Drainage Basin: Plains.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1911:				
May 8-31	217	28	47.9	2,280
June	58	25	35.4	2,110
July	42	12	22.2	1,360
August	42	6	18.7	1,150
September	347	6	86.8	5,160
October	33	33	33.0	2,030
November 1-7	33	33	33.0	458
Total Recorded	....	....	....	14,500
Monthly Flow for the Year of 1912:				
April	195	41	78.5	4,670
May	118	32	41.2	2,530
June	32	18	24.9	1,480
July 1-6	32	21	28.8	343

This station was discontinued July 6, 1912, and data is now obtained at a station about 3 miles below, which is called "North Fork of Milk River at Peters' Ranch, near Kimball, Alberta."

Reference for daily flow in U. S. G. S. Water Supply paper No. 326.

NORTH FORK OF MILK RIVER.

Observation Station Located at Peters' Ranch, About 15 Miles From Kimball, Alberta.

Established in 1909.
Elevation of Head Waters, 5,000 feet.
Drainage Area, 109 square miles.
Character of Drainage Basin: Plains.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
April 9-30	57	37	50.6	0.465	2,210	0.38
May	180	39	57.9	.531	3,560	.61
June	54	27	30.7	.282	1,827	.31
July	72	22	40.9	.375	2,515	.43
August	26	20	21.5	.197	1,322	.23
September	32	20	25.4	.233	1,511	.26
October	38	21	26.7.	.245	1,642	.28
November	43	21	33.9	.311	2.017	.35
December 1-3	24	20	21.3	.195	127	.02
Total Recorded	....	....	....	....	16,731	2.87
M'nthly Flow Yr. 1913.						
January	16.7	8.9	12.7	0,116	781	0,134
February	26.0	17.4	21.1	.194	1,112	.202
March	35	21	24.8	.228	1,525	.263
April	278	24	78.0	.716	4,641	.799
May	93	41	59.1	.585	3,634	.674
June	75	27	40.5	.401	2,410	.447
July	45	17.9	24.0	.238	1,476	.274
August	46	17	22.2	.220	1,365	.254
September	37	19.5	25.2	.250	1,500	.279
October	71	21	31.0	.307	1,906	.354
November	47	21	27.6	.273	1,642	.305
December	23	14.1	17.5	.173	1,076	.199
Total Recorded	278	8.9	32.0	.308	23,128	4.16

Reference for daily flow in U. S. G. S. Water supply paper No. 356, and the Canadian Stream Measurement Report for 1912.

NORTH FORK OF MILK RIVER.

Observation Station Located in Sec. 3, T. 33 N,, R. 19 E., Near Chinook, Mont.

Established in 1905.
Elevation of Station, 2,420 feet.
Drainage Area, about 1,420 square miles.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
April	4,000	120	1,340	79.700
May	175	80	123	7,560
June	410	19	77.0	4,580
July	1,260	4.5	59.5	3,660
August	30	2.4	9.13	561
September	17	6.6	9.92	590
October	28	18	21.7	1,330
November	31	17	21.5	1,070
Total recorded	....	....	....	99,100

NORTH FORK OF MILK RIVER—(Continued.)

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1913.				
*March	....	....	147	9,040
April	2,110	65	341	20,300
May	92	41	68.4	4,210
June	99	4.7	26.2	1,560
July	596	4.7	57.7	3,550
August	6.1	0.4	2.67	164
September-a	1.3	0.0	.35	21
October	6.1	0.6	3.81	234
November	25	5.6	14.1	839
Total Recorded	....	....	....	39,900

*Estimated March 1 to 8 and 13-19, and 21-23, 1913.

a—Estimated September 7-23, 1913.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 annd 356.

BEAVER CREEK.

Observation Station Located in Sec. 35, T. 31 N., R. 32 E., Near Saco, Mont.
Established in 1903.
Discontinued in 1913.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April 7-30	342	21	118	5,620
May	a700	17	175	10,800
June	99	2.8	42.1	2,510
July	610	.8	138	8,480
August	490	6.0	104	6,400
September	89	3.4	27	1,600
October	31	3.4	11.2	689
November 1-13	13	8.8	10.3	266
Total Recorded	....	....	....	36,400

a—Estimated.
Reference for daily flow in U. S. G. S. Water Supply paper No. 326.

BEAVER CREEK OVERFLOW.

Observation Station Located in S. W. ¼ Sec. 17, T. 30 N., R. 32 E., near Bowdoin, Mont.
Established in 1903.
Discontinued in 1913.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April, 17-30	325	26	149	4,140
May	1,160	19	266	16,400
June	200	14	70.4	4,190
July	800	.0	234	8,240
August	920	.0	125	7,690
September	108	1.0	18.2	1,080
October	.8	.0	.09	5.5
November, 1-9	.0	.0	.0	.0
Total recorded	....	....	....	41,700

Reference for daily flow in U. S. G. S. Water Supply paper No. 326.

ROCK CREEK.

Observation Station Located in Sec. 10, T. 31 N., R. 36 E., 6 Miles Northeast of Hinsdale, Mont.

Established in 1912.
Elevation of Station, 2,160 feet.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April, 19-30	a740	114	272	6,470
May, 1-27	1,750	40	251	13,400
June, 19-30	114	30	52.8	1,260
July	364	10	58.5	3,600
August	2,400	1	130	7,990
September	216	8	23.5	1,400
October	14	10	12.3	756
November	12	10	11.9	354
Total recorded	....	....	....	35,200
Monthly Flow for the Year of 1913:				
April	2,220	0.0	216.	12,900
May	15	0.0	2.16	133
June	129	1.0	24.5	1,460
July	268	12	74.7	4,590
August	22	3.0	8.32	512
September	8	2.0	2.93	174
October	18	8.0	13.0	799
Total Recorded	....	....	....	20,600

a—The maximum discharge during a flood from April 1 to 10 is estimated to have been 10,000 second feet, by applying Kutter's formula.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

PORCUPINE CREEK.

Observation Station Located in N. W. ¼ Sec. 25, T. 28 N., R. 40 E., at Nashua, Mont.

Elevation of Station, 2,050 feet.
Established in 1908.
Character of Drainage Basin: Rolling prairie about 40 miles long.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	714	44.0	330	19,600
May	700	4.0	153	9,410
June	145	1.0	36.4	2,170
July	18	1.7	5.07	312
August	749	1.0	104	6,400
September	52	.3	19.0	1,130
October	18	6.0	9.19	565
November, 1-11	15	12.0	12.8	279
Total recorded	....	....	....	39,900
Monthly Flow for the Year of 1913:				
March, 30-31	641	180	410	1,630
April	611	14	82	4,880
May	40	7.5	19	1,170
June	12	2.5	4.67	278
July	2.5	0.1	.94	58
August	*	*	.0	....
Total recorded	....	....	....	8,020

*Dry.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

PARADISE CANAL.

Observation Station Located 7 Miles Below Chinook, Mont.
Established in 1903.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year 1912.				
July	3.9	0	2.04	125
August	4.2	0	2.04	125
Monthly Flow for the Year of 1913:				
April 6-20	....	....	a0.1	3
May 16-31	3.3	....	.61	19
June	24	0.9	9.39	559
July	8.6	0.9	5.81	357
August	16	0	6.85	421
September—b	....	....	....	....
Total Recorded	....	....	....	1,360

Note for 1912: The gage was read Apr. 1 to Sept. 1, but the gates were not opened until July 2 and were closed Aug. 22. No flow July 5-8 on account of the crest of the diversion dam being damaged by high water. Daily discharge determined from a poorly defined rating curve.

a—Estimated.
b—Dry.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

COOK CANAL.

Observation Station Located in N. W. ¼ Sec. 30, T. 33 N., R. 20 E., Near Chinook, Mont.
Established in 1905.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
July 7-31	12.5	.3	5.31	263
August 1-8	.6	0	.34	5.4
October 6-13	5.1	3.4	4.41	70
Monthly Flow for the Year of 1913:				
April, 26-30	17	7.0	10.5	104
May	30	16	22.7	1,400
June	38	2.6	10.2	607
July	34	0.5	7.54	464
August	1.2	0	.38	23
Total Recorded	....	....	....	2,598

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 annd 356.

MATHESON CANAL.

Observation Station Located in N. W. ¼ Sec. 29, T. 33 N., R. 20 E., Near Chinook, Mont.
Established in 1905.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
June	15.6	0.4	4.98	296
July	15.6	.6	2.62	161
August	3.3	.0	.81	49.8
September	1.0	.1	.43	25.6
October 1-12	1.6	.6	.99	23.6
Total Recorded	....	....	....	556

MATHESON CANAL—(Continued.)

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
April	....	....	a7.92	424
May	7.8	.7	3.89	239
June	6.2	0	2.98	177
July	13.1	0	2.50	154
August 1-7	0.3	0	.22	3
Total Recorded	....	....	....	997

a—Estimated April 1-25, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

HARLEM CANAL.

Observation Station Located in S. W. ¼ Sec. 33, T. 33 N., R. 21 E., Near Zurich, Mont. Established in 1903.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
March 26-31	49	16	29.0	345
May 8-31	26	10	18.2	866
June	24	3.2	11.4	678
July	23	6.0	15.3	941
August	25	1.2	5.32	327
September	1.1	.2	.64	38
Total Recorded	....	....	....	3,200
Monthly Flow for the Year of 1913:				
April 20-30	29	20	24.6	537
May	54	27	39.4	2,420
June	46	2	31.9	1,900
July	28	.5	10.5	646
Total Recorded	....	....	....	5,500

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

AGENCY DITCH.

Observation Station Located in S. W. ¼ Sec. 33, T. 32 N., R. 23 E., Near Harlem, Mont. Established in 1905.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
June, 25-30	34	33	33.3	a397
July	39	4	25.3	1,560
August, 1-9	4	4	4.0	b71
Monthly Flow for the Year of 1913:				
May, 27-31	87	76	84.8	841
June	80	30	62.7	3,730
July	87	0	24.0	c1,480
Total Recorded	....	....	....	6,050

a—The mean flow May 25 to June 24, 1912, is estimated at 40 second feet.
b—Dry after August 9, 1912.
c—Dry July 12 to 24 and 29 to 31, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 256.

FORT BELKNAP CANAL.

Observation Station Located in S. E. ¼ Sec. 20, T. 33 N., R. 18 E., Near Chinook, Mont.

Established in 1903.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April*				
May*				
June*, 25-30	21	.0	2.42	141
July	20	7.8	12.8	787
August	13	6.8	9.32	573
September	10	6.0	8.46	503
October	8.5	2.8	3.48	214
November, 1-16	2.8	.8	1.27	40.3
Total recorded				2,260
Monthly Flow for the Year of 1913:				
April, 27-30	42	23	37.2	295
May	51	20	33.1	2,040
June	77	38	57.6	3,430
July	51	10	30.6	1,880
August	28	0	16.7	1,030
September, 1-17	10	0	7.0	236
Total recorded				8,910

*Dry April 1 to June 24, 1912.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

LITTLE PORCUPINE CREEK.

Observation Station Located in SE. ¼ NE. ¼ Sec. 28, T. 27 N., R. 44 E., Near Frazer, Mont.

Established in 1908.

Character of Drainage Basin: A narrow strip of land about 25 miles long.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912.				
April, 12-30	a171	14.0	46.5	1,750
May	450	0.0	54.8	3,370
June	118	0.0	8.16	486
July			b	
August	420	0.0	44.7	2,750
September	10	.4	5.14	306
October	3.5	.2	1.49	92
November, 1-9	1.5	1.5	1.50	27
Total Recorded				8,780
Monthly Flow for the Year of 1913.				
April	231	0.1	29.9	1,780
May	22	0.1	7.12	438
June	105	0.0	15.0	893
July, 1-17	7	0.0	1.28	79
Total recorded				c3,190

aMaximum discharge obtained by applying highwater mark to open channel rating curve is 500 second-feet.

bPractically dry from June 5 to Aug. 18.

c—Dry July 15 to Dec. 31, 1913.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

WOLF CREEK.

Observation Station Located in S. W. ¼ Sec. 8, T. 27 N., R. 47 E., 2½ Miles Northwest of Wolf Point, Mont.

Established in 1908.
Elevation of Station, 2,000 feet.
Character of Drainage Basin: Rolling prairie.
Note for 1912: Gage heights were read on only a few days and the following discharge measurements were made:
April 15, discharge 59 second-feet.
May 29, discharge 44 second-feet.
June 22, discharge 2.6 second-feet.
July 11, discharge 7.1 second-feet.
Sept. 5, discharge 5.3 second-feet.
The maximum estimated flow was 270 second-feet on April 1.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
March, 30-31	113	113	113	448
April	45	3.7	15.6	928
May	12	3.7	7.6	467
June	5.8	.1	1.94	115
July, 1-19	3.5	0.0	.79	49
August-a	....	....	....	....

a—Dry July 21 to November 8, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

POPLAR RIVER.

Observation Station Located in S. E. ¼ Sec. 5, T. 21 N., R. 51 E., Near Poplar, Mont.

Established in 1908.
Drainage Area, 3,660 square miles.
Character of Drainage Basin: Rolling prairie cut by small coulees.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April 16-30	a880	245	568	16,900
May	1,000	172	364	22,400
June	380	54	163	9,700
July	360	68	139	8,550
August	340	35	96.3	5,920
September	75	54	61.5	3,660
Total Recorded	....	....	....	67,100
Monthly Flow for the Year of 1913:				
April 14-30	258	86	159	5,360
May	171	64	100	6,150
June	142	18	54	3,210
July	129	18	54.1	3,330
August	31	18	20.8	1,280
September	18	12	16.8	1,000
Total Recorded	....	....	....	20,300

a—Maximum discharge estimated at 10,000 second feet.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

BIG MUDDY CREEK.

Observation Station Located in S. W. ¼ Sec. 17, T. 29 N., R. 54 E., Near Culbertson, Mont.

Established in 1908.

Character of Drainage Basin: Rolling prairie cut by small coulees.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	1,100	53	a550	32,700
May	447	47	132	8,120
June	520	30	128	7,620
July	45	14	28.4	1,750
August	26	2	8.84	544
September	23	.8	5.41	322
October	3.0	.7	1.45	89.2
November 1-16	3.4	1.2	1.99	63.2
Total Recorded	....	....	....	51,200
Monthly Flow for the Year of 1913:				
April	526	21	107	6,370
May	38	16	23.7	1,460
June	305	6.8	43.3	2,580
July	255	5	45.0	2,770
August	63	....	11.2	689
September	69	2	25.6	1,520
October	18	2	9.3	572
November 1-22	16	10	11.5	502
Total Recorded	....	....	....	**16,500**

a—Estimated April 4-10, 1912.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

MISCELLANEOUS MEASUREMENTS IN MISSOURI RIVER DRAINAGE BASIN IN 1912 AND 1913.

MISSOURI RIVER AND HEADWATERS.

Date.	Stream.	Tributary to.	Locality.	Discharge.
1912.				Sec.-ft.
April 25	Muskrat Creek....	Boulder River.....	On section line between secs. 10 and 11, T. 6 N., R. 4 W., near Boulder, Mont.	5.0
April 12	Poplar River......	Missouri River....	Obershaw's ranch near Poplar, Mont.	3.380

SUN RIVER DRAINAGE.

1912. Mar. 30	North Fork of Sun River.......	Sun River.........	Sun River canyon near Augusta, Mont.	159
Aug. 21	Francis Creek.....	North Fork of Sun River.......	NW. ¼ SW. ¼ sec. 29, T. 22 N., R. 8 W., near Augusta, Mont.	a1.0
21	Richardson Creek..	do............	SW. ¼ SE. ¼ sec. 29, T. 22 N., R. 8 W., near Augusta, Mont.	a0.2
13	Breed Creek.......	Willow Creek......	Mouth, near Augusta, Mon.	0.2
13	Witmer Lake Overflow.........	do............	SW. ¼ NE. ¼ sec. 23, T. 20 N., R. 8 W., near Augusta, Mont.	a0.1
July 5	Buckholtz Springs.	do............	SE. ¼ SW. ¼ sec. 28, T. 21 N., R. 7 W., near Augusta, Mont.	1.1
3	Little Willow Creek	do............	SW. ¼ NW. ¼ sec. 10, T. 20 N., R. 8 W., near Augusta, Mont.	5.5
3	Cutrock Creek.....	Little Willow Creek	NE. ¼ SE. ¼ sec. 3, T. 20 N., R. 8 W., near Augusta, Mont.	3.5
2	Spring Coulee.....	Cutrock Creek.....	SW. ¼ NW. ¼ sec. 34, T. 21 N., R. 8 W., near Augusta, Mont.	a1.0
1	Barr Creek........	Little Willow Creek	SE. ¼ SE. ¼ sec. 22, T. 21 N., R. 8 W., near Augusta, Mont.	7.1
3	Furnam Creek.....	Barr Creek........	SW. ¼ SE. ¼ sec. 27, T. 21 N., R. 8 W., near Augusta, Mont.	5.8
Aug. 15	do............	do............	do.....................	1.3
23	Duval Creek.......	Smith Creek.......	SE. ¼ NW. ¼ sec. 6, T. 19 N., R. 7 W., near Augusta, Mont.	a0.5
10	Smith Lake Overflow.........	do............	NW. ¼ NW. ¼ sec. 8, T. 19 N., R. 7 W., near Augusta, Mont.	0.0
June 27	Elk Creek.........	Dubray Creek......	SE. ¼ NE. ¼ sec. 28, T. 19 N., R. 7 W., near Augusta, Mont.	24.1
Aug. 9	do............	do............	do.....................	10.0
June 25	Hay Coulee........	Elk Creek.........	NW. ¼ SE. ¼ sec. 28, T. 19 N., R. 7 W., at its mouth, near Augusta, Mont......	a1.0
25	Crane Creek.......	Hay Coulee........	SE. ¼ SE. ¼ sec. 3, T. 18 N., R. 7 W., near Augusta, Mont.	a0.25
Aug. 6	do............	do............	NW. ¼ SE. ¼ sec. 3, T. 18 N., R. 7 W., near Augusta, Mont.	a0.12
June 27	Faulkner Creek...	Elk Creek.........	Head of M. Connor's ditch, near Augusta, Mont.	a0.5
26	Goss Creek........	Dubray Creek.....	SW. ¼ SE. ¼ sec. 15, T. 19 N., R. 8 W., near Augusta, Mont.	5.5
Aug. 10	do............	do............	do	1.1
10	West Creek.......	Goss Creek........	Near Augusta, Mont.	a0.5
June 19	Hogan Slough.....	(b)................	SW. ¼ SW. ¼ sec. 20, T. 20 N., R. 6 W., near Augusta, Mont.	c14.9
22	do............	(b)................	SW. ¼ NE. ¼ sec. 10, T. 20 N., R. 6 W., near Augusta, Mont.	c1.6

SUN RIVER DRAINAGE—(Continued.)

Date.	Stream.	Tributary to.	Locality.	Discharge.
				Sec.-ft.
July 31	Spring Creek......	Sun River.........	SW. ¼ NW. ¼ sec. 8, T. 20 N., R. 5 W., near Augusta, Mont.	a0.2
18	Dry Creek.........	do.............	SE. ¼ NW. ¼ sec. 11, T. 19 N., R. 6 W., near Augusta, Mont.	a1.0
26	do.............	do.............	NW. ¼ NW. ¼ sec. 35, T. 20 N., R. 5 W., near Simms, Mont.	a1.0
10	Simms Creek......	Sun River.........	NE. ¼ SW. ¼ sec. 20, T. 20 N., R. 3 W., near Simms, Mont.	a0.25
June 10	do.............	do.............	SW. ¼ SE. ¼ sec. 15, T. 20 N., R. 3 W., near Simms, Mont.	d5.6

aEstimated.

bThis is an old overflow channel of South Fork of Sun River which has been dammed and is used to carry water for irrigation.

cThe difference between the measurements of Hogan Slough on June 19 and June 22 shows the approximate amount being used for irrigation.

dThe difference between this measurement and the first one represents waste water from irrigation. The first measurement shows the total run-off from Simms Creek drainage.

MARIAS RIVER DRAINAGE.

Date.	Stream.	Tributary to.	Locality.	Discharge.
1913.				Sec.-ft.
July 10	S. Fk. Birch Creek.	Birch Creek.......	150 ft. above mouth......	121
July 24	do.............	do.............	Above flow line of Swift Dam Reservoir	74
Aug. 14	do.............	do.............	do....................	152
Aug. 20	do.............	do.............	do....................	82
Aug. 27	do.............	do.............	do....................	60
Sept. 11	do.............	do.............	do....................	48
Oct. 17	do.............	do.............	do....................	61
Dec. 5	do.............	do.............	do....................	49
June 4	S. Br. of S. Fk. Birch Creek.......	S. Fk. Birch Creek..	Above flow line of Swift Dam Reservoir	15.9
13	do.............	do.............	do....................	11.3
24	do.............	do.............	do....................	7.7
July 9	do.............	do.............	do....................	6.7
23	do.............	do.............	do	5.3
Aug. 14	do.............	do.............	do....................	5.7
27	do.............	do.............	do....................	3.7
Sept. 11	do.............	do.............	do....................	3.6
Oct. 17	do.............	do.............	do....................	4.4
Dec. 5	do.............	do.............	do....................	4.3
June 3	N. Fk. Birch Creek.	Birch Creek.......	do....................	280
13	do.............	do.............	do....................	157
24	do.............	do.............	do....................	99
July 9	do.............	do.............	do....................	65
23	do.............	do.............	do....................	42
Aug. 13	do.............	do.............	do....................	43
20	do.............	do.............	do....................	41
27	do.............	do.............	do....................	31
Sept. 11	do.............	do.............	do....................	27
Oct. 16	do.............	do.............	do....................	32
Dec. 4	do.............	do.............	do....................	21
June 3	Bear Creek........	N. Fk. Birch Creek.	do....................	32
13	do.............	do.............	do....................	15.8
24	do.............	do.............	do....................	7.2
July 9	do.............	do.............	do....................	4.4
23	do.............	do.............	do....................	3.6
Aug. 13	do.............	do.............	do....................	2.8
20	do.............	do.............	do....................	2.4
27	do.............	do.............	do....................	1.9
Sept. 11	do.............	do.............	do....................	1.2
Oct. 16	do.............	do.............	do....................	2.0
Dec. 4	do.............	do.............	do....................	1.2
1912.				
Apr. 9	Sheep Creek.......	Dupuyer Creek....	Sec. 6, T. 28 N., R. 7 W., near Dupuyer, Mont.	42.2
May 6	do.............	do.............	do	20
1913.				
May 1	do.............	do.............	1,000 feet above mouth....	18.6
June 27	do.............	do.............		43
July 1	do.............	do.............		14.5
7	do.............	do.............		6.0
15	do.............	do.............	Near mouth	5.0
Aug. 8	do.............	do.............	¼ mile above mouth	.73
15	do.............	do.............	do	4.8
19	do.............	do.............	Half mile above mouth...	4.0
29	do.............	do.............	do	1.2
Sept. 12	do.............	do.............	Near mouth	.57
18	do.............	do.............	Near mouth	.31
Apr. 9	Spring Creek......	Teton River.......	Strabane, Mont.	11.5
June 24	Croft and Bird, Ditch.............	Diverts from Teton River.......	do	5.2
June 24	Farmers' Co-op. Canal Co., Ditch...	do.............	do....................	41

MUSSELSHELL RIVER DRAINAGE.

Date.	Stream.	Tributary to.	Locality.	Discharge.
				Sec. ft.
1912. Apr. 7	North Fork of Musselshell River	Missouri River	Delpine, Mont.	15.9
Apr. 17	do	do	do	32.4
May 21	do	do	do	28.4
July 12	do	do	do	16.8
Aug. 30	do	do	do	9.6

MILK RIVER DRAINAGE.

1912. Aug. 25	South Fork of Milk River	Missouri River	Mackey's ranch, near Kimball, Alberta, Can.	21
Apr. 10	Milk River	Missouri River	Vandalia, Mont.	*20,900
May 6	Peoples Creek	Milk River	Near Dodson, Mont.	688
24	do	do	do	292
June 17	do	do	do	214
May 7	Alkali Creek	do	Near Malta, Mont.	584
Apr. 20	Frenchman Creek	do	Highway bridge near the mouth and near Saco, Mont.	3,520
7	Beaver Creek	do	Highway bridge near its mouth and near Hinsdale, Mont.	†1,290
Apr. 2	Rock Creek	do	do	475
18	do	do	do	1,060
June 17	Schultz and Ereaux Canal		Near Dodson, Mont.	7.2

*There was also an overflow section of 2690 square feet with an average velocity of not over 2 feet per second.

†There was also a large overflow section not included.

YELLOWSTONE RIVER DRAINAGE BASIN.

YELLOWSTONE RIVER.

Observation Station Located in N. E. ¼ Sec. 30, T. 8 N., R. 8 E., at Corwin Springs, Mont.

Established in 1910.
Elevation of Station, about 5,000 feet.
Elevation of Head Waters, 10,000 feet.
Drainage Area, 2,630 square miles.
Character of Drainage Basin: Steep mountains, well timbered.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
January	1,530	1,100	1,210	0.460	74,400	0.53
February	1,160	1,040	1,120	.426	64,400	.46
March	1,160	1,040	1,090	.414	67,000	.48
April	1,230	1,100	1.170	.445	69,600	.50
May 1-23	6,210	1,230	2,580	.981	118,000	.84
June 5-30	16,700	8,760	12,700	4.83	655,000	4.67
July	10,800	5,300	7,790	2,96	479.000	3.41
August	6.450	3,030	4,130	1.57	254,000	1.81
September	3,470	1,890	2,410	.916	143,000	1.02
October	2,300	1,530	1,860	.707	114,000	.82
November	1,620	1,160	1,390	.529	82,700	.59
December 1-23	1,160	950	1,090	.414	49,700	.35
Total Recorded	....	....	....	....	2,170,000	....
M'nthly Flow Yr. 1913.						
March 16-31	1,160	990	1,070	.407	34,000	.24
April	3,360	1,230	1,780	.677	106,000	.76
May	17,400	2,020	7,190	2.73	442,000	3.15
June	20,200	11,600	16,400	6.24	976,000	6.96
July	12,800	6,530	9,240	3.51	568,000	4.05
August	9,030	3,680	5,420	2.06	333,000	2.38
September	3,680	2,020	2,790	1.06	166,000	1.18
October	2,250	1,530	1,800	.684	111,000	.79
November	1,530	1,230	1,390	.529	82,700	.59
December 1-14	1,300	1,100	1,170	.445	32,500	.23
Total Recorded	....	....	....	....	2,850,000	....

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

YELLOWSTONE RIVER.

Observation Station Located in S. W. ¼ Sec. 24, T. 2 N., R. 27 E., at Huntley, Mont.

Established in 1907.
Elevation of Station, about 3,000 feet.
Elevation of Head Waters, 10.000 feet.
Drainage Area, 12,000 square miles.
Character of Drainage Basin: Varies from mountains to semi-arid bench lands.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	5,650	3,500	4,360	259,000
May	24,800	4,600	10,700	658,000
June	39,000	19,600	31,100	1,850 000
July	33,700	12,400	21,600	1,330.000
August	15,100	7,050	9,820	604.000
September	7,750	6,350	7,060	420,000
October	9,700	5,650	7,030	432.000
November	6,350	4,000	5,140	306,000
December	4,000	3,000	3,670	226,000
Total Recorded	....	....	....	6,080,000

YELLOWSTONE RIVER—(Continued.)

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
April 9-30	8,100	4,950	6,210	271,000
May	45,000	5,650	16,500	1,010,000
June	64,400	10,200	22,600	1,340,000
July	25,000	10,200	16,800	1,030,000
August	21,500	7,000	11,700	719,000
September	7,300	4,100	5,440	324,000
October	5,500	4,100	4,660	287,000
November	5,150	3,500	4,030	240,000
December	4,100	2,700	3,440	212,000
Total Recorded	....	....	....	6,330,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

YELLOWSTONE RIVER.

Observation Station Located at Intake, Mont.

Established in 1912.
Elevation of Station, 2,000 feet.
Elevation of Head Waters, 10,000 feet

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
March 27-31	114,000	12,900	68,100	673,000
April	64,400	10,200	22,600	1,340,000
May	39,400	9,540	21,100	1,300,000
June	81,600	27,500	54,700	3,250,000
July	112,000	21,400	45,400	2,790,000
August	36,800	11,500	20,500	1,260,000
September	16,800	11,500	13,400	797,000
October	19,500	9,540	13,600	836,000
November	12,200	7,800	9,450	562,000
December	8,940	2,950	4,950	304,000
Total recorded	114,000	....	....	13,100,000
Monthly Flow for the Year of 1913:				
April 11-30	16,000	10,200	13,700	543,000
May	70,600	9,540	22,300	1,370,000
June	73,800	43,600	59,200	3,520,000
July	45,000	14,400	28,700	1,760,000
August	35,600	7,800	18,700	1,150,000
September	10,200	6,740	8,200	488,000
October	9,540	6,240	7,520	462,000
November	6,740	5,760	6,340	377,000
December	5,760	5,300	5,370	330,000
Total recorded	73,800	....	....	10,000,000

Note.—The figures for 1913 are provisional and are subject to revision.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

BIG TIMBER CREEK.

Observation Station Located About 9 Miles Northwest of Big Timber, Mont.

Established in 1912.
Elevation of Station, about 4,600 feet.
Elevation of Head Waters, 10,000 feet.
Character of Drainage Basin: Mostly mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April 13-30	49	28	36.4	1,300
May	302	38	98.3	6,040
June	380	96	235	14,000
July	200	62	112	6,890
August	78	28	44.8	2,750
September	38	21	26.4	1,570
October	38	16	23.5	1,440
November	38	21	29.5	1,760
December 1-7	28	21	22.0	305
Total Recorded	....	....	....	36,100
Monthly Flow for the Year of 1913:				
April	96	20	52.6	3,130
May	466	38	147	9,040
June	882	186	369	22.000
July	204	56	127	7,810
August	68	28	41.5	2,550
September	46	21	29.8	1,770
October	52	24	36.7	2,260
November	36	21	30.1	1,790
December 1-6	24	19	20.5	244
Total Recorded	....	....	....	50,600

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

BOULDER RIVER.

Observation Station Located in S. E. ¼ Sec. 14, T. 3 S., R. 12 E., Four Miles North of Contact, Mont.

Established in 1910.
Elevation of Station, 5,200 feet.
Elevation of Head Waters, 10,000 feet.
Drainage Area. 234 square miles.
Character of Basin: Very steep mountains, timbered.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
March 24-31	78	78	78	.333	1,240	.10
April	167	90	143	.611	8,510	.68
May	1,280	155	574	2.45	35,300	2.82
June	3,760	1,120	2,380	10.2	142,000	11.38
July	2,860	600	1,550	6.62	95,300	7.63
August	795	240	466	1.99	28,700	2.29
September	240	170	201	.859	12,000	.96
October	280	170	203	.868	12,500	1.00
Total Recorded	....	....	....	....	336,000	....
M'nthly Flow Yr. 1913.						
April 26-30	375	300	340	1.45	3,370	.27
May	3,700	165	896	3.83	55,100	4.42
June	3,610	1,510	2,420	10.3	144,000	11.49
July	1,430	558	909	3.88	55,900	4.47
August	965	308	542	2.32	33,300	2.68
September	308	112	160	.684	9,520	.76
October	165	138	151	.645	9,280	.74
November	138	70	96.5	.412	5,740	.46
Total Recorded	....	....	....	....	316,000	....

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

BOULDER RIVER.

Observation Station Located About ½ Mile Below McLeod, Mont.

Established in 1912.
Elevation of Station, about 4,600 feet.
Elevation of Head Waters, 10,000 feet.
Character of Drainage Basin: Mountains and irrigated valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April 17-30	252	130	205	5,690
May	1,480	220	778	47,800
June	5,400	670	3,080	183,000
July 7-20	2,210	1,660	1,950	54,200
Monthly Flow for the Year of 1913:				
May	4,650	360	1,380	84,800
June	4,880	2,070	3,470	206,000
July	2,500	1,050	1,630	100,000
August	1,500	550	888	54,600
September	600	410	442	26,300
October	450	370	422	25,900
November	370	290	330	19,600
Total Recorded	....	....	....	517,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

WEST BOULDER.

Observation Station Located in S. E. ¼ Sec. 16, T. 2 S., R. 13 E., at McLeod, Mont.

Established in 1907.
Elevation of Station, 4,700 feet.
Elevation of Head Waters, 10,000 feet.
Drainage Area, 137 square miles.
Character of Drainage Basin: Mountainous, and narrow valley.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April 16-30	70	22	54.9	1,630
May	485	62	221	13,600
June	1,500	280	1,050	62,500
July 7-20	850	625	741	20,600
August 4-17	430	174	258	7,160
Total Recorded	....	....	....	105,000
Monthly Flow for the Year of 1913:				
April 13-30	210	105	147	5,250
May	1,420	105	488	30,000
June	1,060	375	790	47,000
July	595	180	349	21,500
August	375	85	163	10,000
September	105	70	81.0	4,820
October	105	85	90.2	5,550
November	85	70	75.5	4,490
Total recorded	....	....	....	129,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

SWEETGRASS CREEK.

Observation Station Located in S. W. ¼ Sec. 24, T. 5 N., R. 12 E., 16 Miles Above Melville, Mont.

Established in 1907.
Elevation of Station, about 5,900 feet.
Elevation of Head Waters, 9,500 feet.
Drainage Area, 47 square miles.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April 19-30	12	8.6	9.31	222
May	415	10	125	7,690
June	820	222	469	27,900
July	314	127	211	13,000
August	152	52	93.5	5,750
September	86	52	75.5	4,490
Total Recorded	....	....	....	59,100

Note.—The observer at this station was seldom there during 1913, so it was discontinued.

The following discharge measurements were made in 1913:
April 25—Discharge 11.2 second-feet.
May 27—Discharge 757 second-feet.
May 28—Discharge 774 second-feet.
June 24—Discharge 294 second-feet.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

SWEET GRASS CREEK.

Observation Station Located in T. 4 N., R. 15 E., Six Miles Below Melville, Mont.

Established in 1909.
Elevation of Station, 4,600 feet.
Elevation of Head Waters, 9,500 feet.
Drainage Area, 140 square miles.
Character of Drainage Basin: Mountainous and broad benches.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the year of 1912:				
April, 9-30	62	25	35.5	1,550
May	505	25	117	7,190
June	538	145	306	18,200
July	290	43	149	9,160
August	45	25	34.0	2,090
September	45	34	40.2	2,390
October	59	45	52.2	3,210
November, 1-24	95	59	71.0	3,380
Total recorded	....	....	....	47,200
Monthly Flow or the Year of 1913:				
April, 10-30	190	25	48.7	2,030
May	940	25	195	12,000
June-a	....	....	488	29,000
July	354	14	137	8,420
August	88	10	44.4	2,730
September	79	10	32.1	1,910
October	114	55	83.6	5,140
November	98	62	75.1	4,470
Total recorded	....	....	....	65,700

a—Estimated May 29 to June 23, 1913.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

STILLWATER RIVER.

Observation Station Located in SW ¼ Sec. 28, T. 5. S., R. 15 E., at Wood's Ranch, About 7 Miles Above Nye, Mont.

Established in 1911.

Drainage Area, 187 square miles.

Character of Drainage Basin: Mountainous.

Daily gage heights are available for most of 1912 and 1913, but the only discharge measurements made were as follows:

January 16, 1912, discharge, 52 second feet.

May 17, 1913, discharge, 321 second feet.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

STILLWATER RIVER.

Observation Station Located in SE. ¼ SE. ¼ Sec. 30, T. 3 S., R. 19 E., Near Absarokee, Mont.

Established in 1910.

Elevation of Station, 3,950 feet.

Drainage Area, 923 square miles.

Character of Drainage Basin. Forested mountains, benchlands and valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	940	170	420	25,000
May	3,420	600	1,290	79,300
June	6,240	2,190	4,490	267,000
July	5,440	1,830	3,010	185,000
August	4,020	820	1,450	89,200
September	1,000	650	793	47,200
October	1,220	550	796	48,900
November, 1-12	700	550	633	15,100
Total recorded	....	....	....	757,000
Monthly Flow or the Year of 1913:				
April	625	200	411	24,500
May	5,760	450	1,660	102,000
June	6,080	3,140	4,690	279,000
July	4,480	1,950	2,970	183,000
August	3,140	1,220	1,970	121,000
September	1,400	625	926	55,100
October	730	475	598	36,800
November	650	325	495	29,500
Total recorded	....	....	....	831,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

ROSEBUD RIVER.

Observation Station Located in S. E. ¼ Sec. 36, T. 3 S., R. 18 E., at Absarokee, Mont.

Established in 1910.

Elevation of Station, 4,000 feet.

Drainage Area, 383 square miles.

Character of Drainage Basin: Varies from forested mountains to cultivated benches and valley.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
March 24-31	260	135	173	2,750
April	930	125	391	23,300
May	1,400	280	713	43,800
June	2,950	820	1,760	105,000
July	3,350	1,120	1,460	89,800
August	1,720	590	1,020	62,700
September	630	380	475	28,300
October	675	325	487	29,900
November 1-16	350	280	315	10,000
Total Recorded	....	....	....	396,000

ROSEBUD RIVER—(Continued)

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
April	325	175	241	14,300
May	1,550	242	572	35,200
June	1,880	1,050	1,430	85,100
July	1,550	770	1,170	71,900
August	1,400	550	890	54,700
September	675	300	476	28,300
October	325	225	279	17,200
November	280	225	241	14,300
December 1-6	242	225	239	2,840
Total Recorded	....	....	....	324,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

WOODBINE CREEK.

Observation Station Located in S. E. ¼ Sec. 32, T. 5 S., R. 15 E., Near Nye, Mont.

Established in 1911.

Character of Drainage Basin: Very mountainous.

Gage heights were read about once a week during 1912 and until August, 1913. The following discharge measurements have been made:

Jan. 26, 1912—Discharge 4.6 second-feet.

May 16. 1913—Discharge 16.6 second-feet.

References for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

CLARKE FORK RIVER.

Observation Station Located in Sec. 21, T. 5 S., R. 23 E., at Fromberg, Mont.

Established in 1905.
Elevation of Station, about 3,530 feet.
Elevation of Head Waters, 10,500 feet.
Drainage Area, 2,500 square miles.
Character of Drainage Basin: Rises in high mountains, cultivated valley near mouth.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
March 15-31	402	275	339	11,400
April	460	325	413	24,600
May	4,260	402	1,770	109,000
June	9,710	4,630	6,960	414,000
July	6,760	430	3,220	198,000
August	10,900	375	1,780	109,000
September	1,680	700	870	51,800
October	740	350	521	32,000
November 1-10	780	402	542	10,800
Total Recorded	....	....	....	961,000
Monthly Flow for the Year of 1913:				
March 16-31	522	325	360	11,400
April	555	325	412	24,500
May	7,330	325	1,720	106,000
June	9,110	3,520	6,460	384,000
July	3,360	2,290	2,740	168,000
August	2,160	1,040	1,910	117,000
September	1,340	375	726	43,200
October	430	325	380	23,400
November	430	325	350	20,800
December	430	375	388	23,900
Total Recorded	....	....	....	922,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

PRYOR CREEK.

Observation Station Located Near S. Line of T. 1 S., R. 27 E., near Coburn, Mont.

Established in 1911.

Elevation of Station about 3,350 feet.

Character of Drainage Basin: Hills and benchlands.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1911:				
September, 14-30	23	23	23.0	176
October	28	23	23.5	1,440
November	28	23	25.0	1,490
December	28	23	26.3	1,620
Total recorded	....	....	....	5,330
Monthly Flow for the Year of 1912:				
April	690	28	266	15,800
May	746	60	182	11,200
June	216	60	112	6,660
July	732	46	152	9,350
August	80	32	43.7	2,690
September	276	32	99.1	5,900
October	252	36	77.7	4,780
November, 1-9	111	80	91.2	1,630
Total recorded	....	....	....	58,000
Monthly Flow for the Year of 1913:				
April	a458	70	146	8,690
May	111	70	77.2	4,750
June	80	36	56.4	3,360
July	41	10	16.9	1,040
August	32	10	14.8	910
September	122	6	30.6	1,820
October	111	23	46.7	2,870
November	60	32	40.2	2,390
December	....	....	b40	2,460
Total recorded	....	....	....	28,300

a—Estimated April 1 to 15, 1913.

b—Estimated.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 306, 326 and 356.

PRYOR CREEK.

Observation Station Located in SW. ¼ sec. 25, T. 2 N., R. 27 E., at Huntley, Mont.

Established in 1904.

Elevation of Station, about 3,050 feet.

Drainage Area, 800 square miles.

Character of Drainage Basin: Rolling prairie.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
March, 25-31	870	196	671	9,320
April	840	72	231	13,700
May	810	79	217	13,300
June	206	33	106	6,310
July	1,560	28	179	11,000
August	31	19	26.6	1,640
September	146	19	57.4	3,420
October	126	50	78.4	4,820
Total recorded	....	....	....	63,500

PRYOR CREEK—(Continued.)

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
March, 18-31	1,350	62	a202	5,610
April	960	82	209	12,400
May	139	70	b96.4	5,930
June	79	22	47.7	2,840
July	36	10	15.8	972
August	58	12	18.0	1,110
September	158	12	36.1	2,150
October	196	36	70.9	4,360
November	92	28	54.9	3,270
December	65	40	55.6	3,420
Total recorded	....	....	....	42,100

a—Estimated March 18 to 28, 1913.
b—Estimated May 1 to 13, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

BIGHORN RIVER.

Observation Station Located in S. W. ¼ Sec. 13, T. 1 S., R. 33 E., Two Miles Above Hardin, Mont.

Established in 1904.
Elevation of Station, about 3.000 feet.
Elevation of Head Waters, about, 11,500 feet.
Drainage Area, 20,700 square miles.
Character of Drainage Basin: Varies from high mountains to irrigated valleys.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	5,850	1,900	3,520	209,000
May	10,300	1,900	5,400	332,000
June	29,500	9,300	18,100	1,080,000
July	24,500	6,200	12,000	738,000
August	12,400	3,850	6,470	398,000
September	7,400	3,850	5,120	305,000
October	7,400	4,450	5,320	327,000
November 1-11	5,200	4,450	4,720	103,000
Total Recorded	....	....	....	3,490,000
Monthly Flow for the Year of 1913:				
March 15-31	18,600	7,320	9,690	327,000
April	18,600	3,500	7,050	420,000
May	20,600	3,500	7,720	475,000
June	20,600	11,300	14,800	881,000
July	16,800	5,530	10,600	652,000
August	10,800	2,440	5,200	320,000
September	3,500	2,340	2,810	167,000
October	3,130	1,950	2,380	146,000
November 1-22	2,340	1,860	2,050	89,500
Total Recorded	....	....	....	3,480,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

SOAP CREEK.

Observation Station Located in NW. ¼ sec. 2, T. 6 S., R. 32 E., One-fourth Mile Above Soap Cr. Ditch, Near St. Xavier, Mont.

Established in 1911.

Elevation of Station, 3,400 feet.

Elevation of Head Waters, 6,500 feet.

Character of Drainage Basin: Hills and benchlands.

Note. During 1911 and 1912 a few daily gage heights were read, from which the following daily discharges are obtained:

Record for 1911.		Record for 1912.	
Date.	Discharge.	Date.	Discharge.
Sept. 11	.14 second-feet	May 27	.59 second-feet
Sept. 14	.14 second-feet	May 31	.44 second-feet
Sept. 16	.15 second-feet	June 2	.34 second-feet
Sept. 18	.15 second-feet	June 5	.28 second-feet
Sept. 20	.15 second-feet	June 8	.27 second-feet
Sept. 22	.14 second-feet	June 9	.27 second-feet
Sept. 24	.16 second-feet	June 11	.26 second-feet
Sept. 26	.15 second-feet	June 15	.35 second-feet
Sept. 28	.16 second-feet	June 17	.28 second-feet
Oct. 1	.16 second-feet	June 19	.27 second-feet
Oct. 14	.18 second-feet	June 22	.20 second-feet
Oct. 21	.18 second-feet	June 26	.24 second-feet
Oct. 28	.11 second-feet	June 28	.26 second-feet
Nov. 4	.17 second-feet		
Nov. 11	.10 second-feet		

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913.				
June	30	9.7	18.6	1,110
July	24	19.0	20.9	1,290
August	32	12.0	21.9	1,350
September	77	20.0	32.0	1,900
October	45	22.0	27.9	1,720
November	39	22.0	27.2	1,620
Total recorded	....	....	....	8,990

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 306, 326 and 356.

ROTTENGRASS CREEK.

Observation Station Located in SW. ¼ Sec. 31, T. 4 S., R. 33 E., About 4 Miles Southeast of St. Xavier, Mont.

Established in 1911.

Elevation of Station, 3,150 feet.

Elevation of Head Waters, 7,500 feet.

Character of Drainage Basin: Hills and benchlands.

During 1911 and 1912 a few daily gage heights were read, from which the following daily discharges are obtained.

Record for 1911.		Record for 1912.	
Date.	Discharge.	Date.	Discharge.
Sept. 12	1.6 second-feet	April 8	98 second-feet
Sept. 14	1.2 second-feet	April 15	38 second-feet
Sept. 16	.9 second-feet	April 18	128 second-feet
Sept. 24	.4 second-feet	April 20	134 second-feet
Sept. 27	.3 second-feet	April 22	134 second-feet
Oct. 3	2.0 second-feet	April 26	122 second-feet
Oct. 6	3.8 second-feet	May 4	290 second-feet
Oct. 9	3.7 second-feet	May 8	134 second-feet
Oct. 10	3.7 second-feet	May 11	.32 second-feet
Oct. 12	3.8 second-feet	May 13	60 second-feet
Oct. 13	3.8 second-feet	May 20	75 second-feet
Oct. 14	3.7 second-feet	May 22	134 second-feet
Oct. 16	7.7 second-feet	May 25	75 second-feet
Oct. 17	5.8 second-feet	June 1	65 second-feet
Oct. 18	5.0 second-feet	June 5	42 second-feet
Oct. 19	6.3 second-feet	June 11	26 second-feet
Oct. 20	3.8 second-feet	June 28	2.5 second-feet
Oct. 21	3.8 second-feet	July 3	188 second-feet
Oct. 24	4.2 second-feet	Aug. 12	4.0 second-feet
Oct. 27	5.0 second-feet	Aug. 20	100 second-feet
Oct. 30	5.8 second-feet	Aug. 24	6.0 second-feet
Nov. 15	5.5 second-feet	Sept. 2	5.0 second-feet
		Sept. 26	12.0 second-feet
		Oct. 17	14.0 second-feet
		Oct. 29	28 second-feet
		Nov. 5	28 second-feet
		Nov. 21	18 second-feet

ROTTENGRASS CREEK—(Continued)

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
June	32	13	23.3	1,390
July	17	6	9.7	596
August	8	6	7.0	430
September	19	6	8.6	512
October	17	7	12.2	750
Total recorded	....	....	....	3,680

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 306, 326 and 356.

LITTLE BIGHORN RIVER.

Observation Station Located in N. ½ SW ¼ Sec. 28, T. 8 S., R. 35 E., Near Wyola, Mont.

Established in 1911.
Elevation of Station, 4,800 feet.
Elevation of Head Waters, 9,500 feet.
Drainage Area, 260 square miles.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
May	655	102	310	1.19	19,100	1.37
June	1,400	600	855	3.29	50,900	3.67
July, 1-13	600	358	503	1.93	13,000	.93
M'nthly Flow Yr. 1913.						
April, 13-30	273	168	202	.777	7,210	.52
May	1,200	190	537	2.07	33,000	2.39
June	1,080	358	582	2.24	34,600	2.50
July	339	187	251	.965	15,400	1.11
August	192	114	136	.523	8,360	.60
September	142	98	114	.438	6,780	.49
October	132	105	116	.446	7,130	.51
November	122	98	105	.404	6,250	.45
Total recorded	....	....	....	....	119,000	....

Note: The following measurements were made in 1911: Sept. 5, 61 second-feet; Nov. 17, 100 second-feet.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 306, 326 and 356.

LITTLE BIGHORN RIVER.

Observation Station Located in W. ½ Sec. 18, T. 3 S., R. 35 E., Near Crow Agency, Mont.

Established in 1905.
Elevation of Station, 3,040 feet.
Elevation of Head Waters, 9,500 feet.
Drainage Area, 1,190 square miles.
Character of Drainage Basin: Mountains and rolling prairie.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
April, 11-30	1,720	335	669	0.562	26,500	0.42
May	2,180	380	760	.639	46,700	.74
June	2,080	815	1,220	1.03	72,600	1.15
July 20 days, 1-8, 20-31	3,380	250	806	.677	32,000	.50
August	815	165	275	.231	16,900	.27
September	430	150	235	.197	14,000	.22
October	380	198	264	.222	16,200	.26
November, 1-9	260	250	251	.211	4,480	.07
Total recorded ...	....	....	....	....	229,000	....
M'nthly Flow Yr. 1913.						
April, 3-30	2,560	590	850	0.714	47,200	0.74
May	2,210	590	1,060	.891	65,200	1.03
June	2,210	450	1,110	.933	66,000	1.04
July, 1-26	530	180	283	.238	14,600	.23
August, 20-29	180	125	152	.128	3,020	.05
Total recorded ...	....	....	....	....	196,000	....

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 326 and 356.

LODGEGRASS CREEK.

Observation Station Located in SW. ¼ sec. 29. T. 6 N., R. 35 E., Near Lodgegrass, Mont.

Established in 1911.
Elevation of Station, 3,650 feet.
Elevation of Head Waters, 8,000 feet.
Drainage Area, 142 square miles.
Character of Drainage Basin: Hills and benchlands.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
April, 12-30	305	34	128	0.901	4,820	0.64
May	176	68	115	.810	7,070	.93
June	508	195	304	2.14	18,100	2.39
July	358	58	140	.986	8,610	1.14
August	195	34	57.2	.403	3,520	.46
September	80	17	37.6	.265	2,240	.30
October	74	34	42.7	.301	2,630	.35
November, 1-9	54	34	43.7	308	780	.10
Total recorded ...	....	....	....	....	47,800	....
M'nthly Flow Yr. 1913.						
April, 21-30	102	55	82.1	.578	1,630	.21
May	510	62	180	1.27	11,100	1.46
June, 1-6	628	628	628	4.42	7,470	.99
October	32	25	27.9	.196	1,720	.23
November	33	25	29.2	.206	1,740	.23
Total recorded ...	....	....	....	....	23,700	....

Note: A measurement Sept. 8, 1911, gave a discharge of 16 second feet.
Reference for daily flow in U. S. G. S. Water Supply Papers Nos. 306, 326 and 356.

MISCELLANEOUS MEASUREMENTS IN YELLOWSTONE RIVER DRAINAGE BASIN IN 1912-'13.

Date.	Stream.	Tributary to.	Locality.	Discharge.
1913.				Sec.-ft.
Mar. 21	Boulder River.....	Yellowstone River.	1 mile above falls near contact, Mont.	60
1912.				
Sept. 5	West Fork of Rosebud River....	Rosebud River.....	Below Mystic Lake, near Absarokee, Mont.	157
Sept. 5	West Fork of Rosebud River.....	Rosebud River.....	Absarokee, Mont.	160
Sept. 4	East Fork of Rosebud River....	Rosebud River....	Absarokee, Mont.	134
Jan. 31	Clarke Fork.......	Yellowstone River.	Northern line of Yellowstone National Park	7.5
Jan. 31	Republic Creek....	Lamar River......	Cooke City, Mont.	1.6

LITTLE MISSOURI RIVER DRAINAGE BASIN.

LITTLE MISSOURI RIVER.

Observation Station Located at Walker's Ranch, About 4 Miles Below Alzada, Mont.

Established in 1911.

Drainage Area, about 780 square miles.

Character of Drainage Basin: Hilly and broken prairie.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1911:				
June 18-30	8.5	0.5	2.85	73.5
July	1.0	.0	.10	6.1
August	536	.0	67.4	4,140
September	173	.2	15.1	898
October	13	.0	1.48	91.0
November	3.5	.5	1.65	98.2
December	2.5	.5	1.97	121
Total Recorded	....	....	....	5,430
Monthly Flow for the Year of 1912:				
April 4-30	4,550	106	1,450	77.700
May	2,200	12	351	21,600
June	955	2.2	56.1	3,340
July	1,190	2.6	76.0	4,670
August	1,250	0.9	131	8,060
September	736	0.5	88.2	5,250
October	670	1.2	54.4	3,340
November	3.8	2.2	2.94	175
December	5.4	2.4	3.80	234
Total Recorded	4,550	....	....	124,000
Monthly Flow for the Year of 1913:				
March 5-31	3,100	....	584	30,100
April	3,950	5.0	597	35,500
May	183	3.8	17.8	1,090
June	504	3.0	65.6	3,900
July	400	2.4	35.9	2,200
August	365	0.6	32.3	1,990
September	2,630	0	327	19,500
October	265	3.8	30.5	1,880
November	5.8	4.2	4.96	295
December	8.0	4.2	6.21	382
Total Recorded	3,950	0	....	96,800

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 306, 326 and 356

KOOTENAI RIVER DRAINAGE BASIN.

KOOTENAI RIVER.

Observation Station Located in Sec. 3, T. 30 N., R. 31 W., Near Libby, Mont.

Established in 1910.

Character of Drainage Basin: Mountainous, heavily forested.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
March	4,020	2,600	2,930	180,000
April	11,600	4,020	9,080	540,000
May	36,100	10,000	22,500	1,380,000
June	35,400	17,800	26,100	1,550,000
July	27,600	15,000	19,600	1,210,000
August	15,000	10,000	12,300	756,000
September	10,800	6,590	8,940	532,000
October	7,230	5,670	6,410	394,000
November	7,560	4,390	6,090	362,000
December	4,140	2,850	3,310	204,000
Total Recorded	....	....	....	7,108,000
Monthly Flow for the Year of 1913:				
January	3,330	2,080	2,770	170,000
February	4,150	2,040	2,990	166,000
March	3,700	2,510	3,110	191,000
April	23,000	3,550	11,300	672,000
May	69,600	11,600	26,900	1,650,000
June	77,300	30,700	51,700	3,080,000
July	31,400	15,000	20,300	1,250,000
August	15,900	10,000	13,000	799,000
September	14,100	7,890	9,580	570,000
October	8,920	6,280	7,260	446,000
November	6,280	4,530	5,560	331,000
December	5,370	2,760	3,730	229,000
Total Recorded	77,300	2,040	13,200	9,550,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

CALLAHAN CREEK, NEAR TROY, MONT.

This station established in 1911 in Sec. 13, T. 31 N., R. 34 W., but daily gage heights have not been read. The following discharge measurements were made in 1912 and 1913: Feb. 21, 1912, 38 sec.-ft.; May 6, 1912, 553 sec.-ft., and 517 sec.-ft.; May 8, 1912, 1,060 sec.-ft.; May 15, 1,260 sec.-ft.; Mar. 23, 1913, 64 sec.-ft., and Dec. 16, 1913, 54 sec.-ft.

References: U. S. G. S. Water Supply Papers Nos. 332 and 362-a.

YAHK RIVER.

Observation Station Located in Sec. 33, T. 34 N., R. 33 W., ½ Mile Above the Falls, Near Troy, Mont.

Established in 1910.

Character of Drainage Basin: Mountainous, timbered.

No satisfactory rating has been obtained for this station, and the following discharge measurements have been made during 1912 and 1913:

Feb. 21, 1912	238 second-feet.
May 7, 1912	2,560 second-feet.
May 8. 1912	3,070 second-feet.
May 15, 1912	4,240 second-feet.
Mar. 22. 1913	193 second-feet.

References: U. S. G. S. Water Supply papers Nos. 332 and 362-a.

CLARK FORK OF COLUMBIA RIVER DRAINAGE BASIN

CLARK FORK.

Observation Station Located in Sec. 1, T. 19 N., R. 26 W., Near Plains, Mont.

Established in 1910.

Elevation of Station, 2,470.

Elevation of Head Waters, 9,000 feet.

Drainage Area, 19,900 square miles.

Character of Drainage Basin: Varies from glacier fed lakes and dense mountain forests to irrigated valleys.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
January 1-22 a	....	....	5,500	0.276	240,000	0.23
February 13-29	6,470	5,620	5,970	.300	201,000	.19
March	8,100	5,290	5,860	.294	360,000	.34
April	22,700	7,530	15,500	.779	922,000	.87
May	73,600	23,300	49,300	2.48	3,030,000	2.86
June	74,500	50,100	65,200	3.28	3,880,000	3.66
July	51,000	19,200	32,400	1.63	1,990,000	.1.88
August	18,600	9,760	13,100	.658	806,000	.76
September	10,900	9,400	10,100	.508	601,000	.57
October	9,400	8,400	8,840	.444	544,000	.51
November	9,760	8,400	9,040	.454	538,000	.51
Total Recorded	....	....	....	....	13,112,000	12.38
M'nthly Flow Yr. 1913.						
January	8,400	6,240	7,360	0.370	453,000	0.43
February-b	....	6,470	7,940	.399	441,000	.42
March	7,810	6,240	7,030	.353	432,000	.41
April	34,200	7,810	18,800	.945	1,120,000	1.05
May	106,000	29,700	53,900	2.71	3,310,000	3.12
June	115,000	71,500	98,200	4.93	5,840,000	5.50
July	69,200	23,800	42,800	2.15	2,630,000	2.48
August	23,100	12,300	17,000	.854	1,050,000	.98
September	11,500	9,350	10,100	.508	601,000	.57
October	9,030	8,720	8,740	.439	537,000	.51
November—c	9,350	8,720	9,070	.456	540,000	.51
December	9,350	7,860	8,590	.432	528,000	.50
Total Recorded	115,000	6,240	24,100	1.21	17,482,000	16.48

a—Estimated Jan. 1 to 22, 1912.

b—Estimated Feb. 16 to 24, 1913.

c—Estimated Nov. 4 to 22, 1913.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362a.

CLARK FORK NEAR ST. REGIS, MONT.

Observation Station Located in Sec. 19, Twp. 18 N., R. 27 W.

Established in 1910.
Elevation of Station, 2,650 feet.
Drainage Area, 10,700 square miles.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
January	3,880	1,710	2,830	174,000
February	3,410	2,740	3,140	181,000
March	6,700	2,280	3,030	186,000
April	12,000	6,260	10,000	595,000
May	39,500	11,400	25,100	1,540,000
June	41,400	20,600	31,900	1,900,000
July	21,800	6,040	11,500	707,000
August	6,700	3,880	5,120	315,000
September	5,820	4,230	4,900	292,000
October	4,990	4,410	4,740	291,000
November	5,610	4,050	4,640	276,000
December	4,050	3,120	3,550	218,000
Total Recorded	41,400	1,710	9,200	6,680,000
Monthly Flow for the Year of 1913:				
January	4,050	2,280	3,120	192,000
February	5,610	2,500	3,520	195,000
March	5,190	3,260	3,950	243,000
April	21,800	4,990	13,200	786,000
May	62,800	14,700	31,100	1,910,000
June	61,000	22,600	40,300	2,400,000
July	21,000	6,560	12,300	756,000
August	6,340	3,380	4,930	303,000
September	3,550	2,700	3,130	186,000
October	4,230	2,780	3,700	228,000
November	4,230	3,230	3,810	227,000
December	3,230	2,620	2,800	172,000
Total Recorded	62,800	2,280	10,500	7,598,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

RACE TRACK CREEK.

Observation Station Located in Sec. 15, T. 6 N., R. 11 W., Near Anaconda, Mont.

Established in 1911.
Elevation of Head Waters, 8,000 feet.
Drainage Area, 38 square miles.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
January 19-31	25	19	20.8	536
February	24	16	18.2	1,050
March 1-17	19	16	16.7	563
May 5-31	209	22	101	5,410
June	515	208	371	22,100
July	408	83	180	11,100
August	111	75	96.3	5,920
September	111	75	90.3	5,370
October	144	88	131	8,060
November 1-9	132	111	120	2,140
Total Recorded	....	....	....	62,200

No record was obtained in 1913.
Reference for daily flow in U. S. G. S. Water Supply paper No. 332.

LITTLE BLACKFOOT RIVER NEAR ELLISTON, MONT.

Observation Station Located in S. W. ¼ Sec. 30, T. 9 N., R. 6 W.

Established in 1910.
Drainage Area, 59 square miles.
Gage heights were read during 1912 and 1913, but no discharge measurements were made.
References: U. S. G. S. Water Supply papers Nos. 332 and 362-a.

LITTLE BLACKFOOT DITCH NEAR ELLISTON, MONT.

Observation Station Located in S. W. ¼ Sec. 30, T. 9 N., R. 6 W.

Established in 1910.
Gage heights were read during 1912 and 1913, but no discharge measurements were made.
References: U. S. G. S. Water Supply papers Nos. 332 and 362-a.

ROCK CREEK.

Observation Station Located 3 Miles South of Quigley, Mont.

Established in 1910.
Elevation of Station, 3,950 feet.
Elevation of Head Waters, 8,000 feet.
Drainage Area, 700 square miles.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
February	....	....	a 200	....
March	280	180	220	13,100
July	2,440	555	1,160	71,300
August	635	455	517	31,800
September	450	320	386	23,000
October	320	280	305	18,600
November 1-17	370	280	313	10,600

No record was obtained in 1913.
a—Estimated.
Reference for daily flow in U. S. G. S. Water Supply paper No. 332.

WEST FORK OF BITTERROOT RIVER.

Observation Station Located in Sec. 27, T. 2 N., R. 21 W., Near Darby, Mont.

Established in 1910.
Drainage Area, 572 square miles.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
March 24-31	640	465	547	8,680
April	1,300	492	833	49,600
May	4,660	798	2,930	180,000
June	5,340	2,450	4,080	243,000
July	2,900	656	1,060	65,200
August 1-8	652	415	560	8,890
Total Recorded	....	....	....	555,000
Monthly Flow for the Year of 1913:				
April	2,170	216	1,060	63,100
May	6,420	975	3,130	192,000
June	5,520	1,480	3,220	192,000
July	1,490	472	909	55,900
August	465	202	288	17,700
September	209	175	189	11,200
November	227	192	210	12,500
Total Recorded	....	....	....	544,000

Reference for daily flow in U. S. G. S. WLater Supply papers Nos. 332 and 362-a.

EAST FORK OF BITTERROOT RIVER.

Observation Station Located in S. E. ¼ sec. 21, T. 2 N., R. 20 W., Near Darby, Mont.
Drainage Area, 340 square miles.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
April, 17-30	286	236	266	.782	7,390	0.41
May	1,840	260	799	2.35	49,100	2.71
June	2,150	1,250	1,800	5.29	107,000	5.90
July	1,430	286	597	1.76	36,700	2.03
August	332	167	231	.679	14,200	.78
September, 1-5	286	186	227	.668	2,250	.12
Total recorded ...	....	....	....	....	217,000	....
M'nthly Flow Yr. 1913.						
April	446	150	287	.844	17,100	.94
May	2,200	292	1,010	2.97	62,100	3.42
June	2,140	760	1,480	4.36	88,100	4.86
July	810	266	439	1.29	27,000	1.49
August	252	102	173	.509	10,600	.59
Total recorded ...	....	....	....	....	205,000	....

Note: The figures for 1913 are provisional and are subject to revision.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

LOLO CREEK.

Observation Station Located in Sec. 34, T. 12 N., R. 21 W., Near Lolo, Mont.
Established in 1910.
Elevation of Station, 3,470 feet.
Elevation of Head Waters, 7,000 feet.
Drainage Area, 250 square miles.
Character of Drainage Basin: Mountains, forested.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
February, 5-29	99	68	76.2	3,780
March, 20-31	106	36	75.3	1,790
April	533	164	398	23,700
May	1,600	442	1120	68,900
June	1,600	675	1190	70,800
July	675	148	319	19,600
August	156	72	112	6,890
September	208	72	104	6,190
October	106	85	97.9	6,020
November	254	85	132	7,860
December	106	37	71.5	4,400
Total recorded	....	....	....	220,000
Monthly Flow for the Year of 1913:				
April, 9-30	1,500	156	845	36,900
May	2,500	675	1570	96,500
June	2,300	925	1680	100,000
July	698	228	329	20,200
August	235	85	174	10,700
September	85	61	69.8	4,150
October	85	66	75.4	4,640
November	99	66	82.5	4,910
December	113	72	95.4	5,870
Total recorded	....	....	....	284,000

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

ST. REGIS RIVER.

Observation Station Located in N. E. ¼ Sec. 28, T. 18 N., R. 28 W., Near St. Regis, Mont.

Established in 1910.
Drainage Area, 278 square miles.
Character of Drainage Basin: Mountainous and forested.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
February 8-29	268	139	177	.637	7,720	.52
March	563	102	200	.719	12,300	.83
April	2,000	668	1,400	5.04	83,300	5.62
May	3,640	1,210	2,280	8.20	140,000	9.45
June	1,730	488	1,070	3.85	63,700	4.30
July-a	....	152	266	.957	16,400	1.10
August-b	152	**107**	123	..442	7,560	.51
September-c	139	**116**	132	..475	7,860	.53
October	152	107	131	.471	8,060	.54
Total Recorded	....	....	....	....	347,000	....

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
March 16-31	375	220	275	8,730
April	3,100	352	1,740	104,000
May	6,220	1,400	3,270	201,000
June	3,940	765	1,760	105,000
July	765	220	401	24,700
August	238	120	174	10,700
September	135	90	108	6,430
October	185	90	123	7,560
November	185	90	162	9,640
Total Recorded	....	....	....	478,000

a—Estimated July 1 to 8, 1912.
b—Estimated Aug. 25 to 31, 1912.
c—Estimated Sept. 1 to 9, 1912.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 & 362-a.

FLATHEAD RIVER*

Observation Station Located in T. 31 N., R. 19 W., 10 Miles North of Columbia Falls, Mont.

Established in 1910.
Drainage Area, 1,620 square miles.
Character of Drainage Area: A mountainous densely forested valley; river is fed by glaciers and mountain streams.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
January	....	....	a762	.470	46,900	.54
February	....	....	b657	..406	37,800	.44
March	870	450	632	.390	38,900	.45
April	3,690	540	2,510	1.55	149,000	1.73
May	10,700	3,320	7,230	4.46	445,000	5.14
June	8,480	4,290	6,440	3.98	383,000	4.44
July	5,370	2,480	3,930	2.43	242,000	2.80
August	2,480	1,340	1,700	1.05	105,000	1.21
September	1,910	1,140	1,510	.932	89,800	1.04
October	1,450	960	1,200	.741	73,800	.85
November	1,910	1,050	1,390	.858	82,700	.96
December	1,140	640	854	.527	52,500	.61
Total Recorded	10,700	....	2,400	1.48	1,750,000	20.21

FLATHEAD RIVER*—(Continued)

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1913.						
January	....	....	c650	.401	40,000	.46
February	....	....	c650	.401	36,100	.43
March	....	....	c650	.401	40,000	.46
April	7,000	710	2,960	1.83	172,000	2.04
May	20,800	3,140	8,580	5.30	528,000	6.11
June	23,800	8,880	14,900	9.20	887,000	10.26
July	8,880	2,640	4,390	2.71	270,000	3.12
August	2,800	1,500	2,050	1.26	126,000	1.45
September	1,500	960	1,300	.803	77,400	.90
October	1,670	960	1,210	.748	74,400	.86
November	1,240	960	1,100	.680	65,500	.76
December	960	570	809	.499	49,700	.58
Total Recorded	23,800	....	3,270	2.02	2,370,000	27.43

*This portion of the river is sometimes called the "North Fork of Flathead River."
a—Estimated Jan. 3-31, 1912.
b—Estimated Feb. 1-26, 1912.
c—Estimated.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

FLATHEAD RIVER.

Observation Station Located in T. 22 N., R. 21 W., Eight Miles Below Polson, Mont.

Established in 1907.

Drainage Area, 7,010 square miles.

Character of Drainage Basin: Mountainous above Columbia Falls, below which the valley is broad and fertile.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
January	2,900	2,590	2,660	.379	164,000	.44
February	2,790	2,590	2,690	.384	155,000	.41
March	2,690	2,310	2,380	.340	146,000	.39
April	12,800	2,400	5,890	.840	350,000	.94
May	36,000	12,800	24,800	3.54	1,520,000	4.08
June	36,500	28,700	34,000	4.85	2,020,000	5.41
July	28,100	13,200	19,300	2.75	1,190,000	3.17
August	12,800	6,760	9,900	1.41	609,000	1.63
September	7,010	5,430	6,210	.886	370,000	.99
October	5,630	4,850	5,150	.735	317,000	.85
November	5,630	4,670	5,260	.750	313,000	.84
December	4,850	2,150	4,190	.598	258,000	.69
Total Recorded	36,500	2,150	10,200	1.46	7,412,000	19.84
M'nthly Flow Yr. 1913.						
January	3,880	3,120	3,450	.492	212,000	.57
February	3,230	2,900	3,020	.431	168,000	.45
March	2,900	2,790	2,850	.407	175,000	.47
April	14,800	2,790	6,510	.929	387,000	1.04
May	53,600	15,300	24,400	3.48	1,500,000	4.01
June	75,400	47,600	64,400	9.19	3,830,000	10.25
July	46,900	15,700	28,600	4.08	1,760,000	4.70
August	15,300	7,540	10,800	1.54	664,000	1.78
September	7,540	4,170	5,540	.790	330,000	.88
October	4,330	3,230	3,800	.542	234,000	.62
November	4,500	3,880	4,240	.605	252,000	.68
December	4,500	3,230	3,690	.526	227,000	.61
Total recorded	75,400	2,790	13,500	1.93	9,740,000	26.06

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

MIDDLE FORK OF FLATHEAD RIVER.

Observation Station Located in Sec. 35, T. 32 N., R. 19 W., at Belton, Mont.

Established in 1910.
Elevation of Station. 3.200 feet.
Elevation of Head Waters. 8,500 feet.
Drainage Area. 900 square miles.
Character of Drainage Basin. Densely forested mountains.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
January	....	....	a403	0.448	24,800	0.52
February	450	412	415	0.461	23,900	.50
March	412	182	377	.419	23,200	.48
April	6,280	376	3,360	3.73	200,000	4.16
May	12,200	3,240	7,990	8.88	491,000	10.24
June	7,330	2,960	5,620	6.24	334,000	6.96
July	2,830	1,390	1,950	2.17	120,000	2.50
August	1,390	971	1,130	1.26	69,500	1.45
September	1,480	732	1,060	1.18	63,100	1.32
October	....	....	b810	.900	49,800	1.04
November	2,100	907	1,300	1.44	77,400	1.61
December	....	....	c600	.667	36,900	.77
Total recorded	12,200	182	2,090	2.32	1,510,000	31.55
M'nthly Flow Yr. 1913.						
April, 6-30	7,690	535	3,620	4.02	180,000	0.93
May	26,900	2,410	9,850	10.94	606,000	12.57
June, 1-12	20,500	11,800	16,200	18.00	386,000	8.03
July, 3-31	4,810	1,400	2,940	3.27	169,000	3.53
August	1,770	1,100	1,390	1.54	85,500	1.78
September, 1-21	1,100	590	841	.934	35,000	.72
November, 12-30	1,100	650	891	.990	33,600	.70
December	710	342	493	.548	30,700	.63
Total recorded	....	....	....	....	1,530,000	....

a—Estimated Jan. 3-26, 1912.
b—Estimated Oct. 15-30, 1912.
c—Estimated Dec. 1-31, 1912.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362a.

SOUTH FORK OF FLATHEAD RIVER NEAR COLUMBIA FALLS, MONT.

Observation Station Located in N. W. ¼ S. W. ¼ Sec. 4, T. 30 N., R. 19 W.

Established in 1910.
Elevation of Head Waters, 8,000 feet.
Drainage Area, 1,640 square miles.
Character of Drainage Basin: Mountainous, forested.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
April	6,410	2,760	5,030	3.07	239,000	2.74
May	14,100	4,780	10,900	6.65	670,000	7.68
June	16,000	10,700	12,500	7.62	744,000	8.50
July	10,500	1,420	4,900	2.99	301,000	3.45
August	1,570	735	1,090	.665	67,000	.77
September	2,210	930	1,610	982	95,800	1.10
October	1,520	735	930	.567	57,200	65
November	1,570	988	1,250	.766	74,400	.85
December	1,120	....	770	.470	47,300	.54
Total Recorded	....	....	....	....	2,300,000	....

SOUTH FORK OF FLATHEAD RIVER NEAR COLUMBIA FALLS, MONT. (Continued)

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1913.						
April, 20-30	9,540	4,530	6,130	3.74	134,000	1.53
May	35,600	3,380	15,200	9.27	935,000	10.69
June	39,000	12,600	27,200	16.6	1,620,000	18.52
July	12,400	3,600	7,010	4.27	431,000	4.92
August	4,050	3,220	3,780	2.30	232,000	2.65
Total Recorded	....	....	....	....	3,350,000	....

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

LITTLE BITTERROOT RIVER.

Observation Station Located in T. 27 N., R. 24 W., Near Marion, Mont.

Established in 1910.

Drainage Area, 52 square miles.

Character of Drainage Basin: Mountainous and forested.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	8.3	2.7	5.10	303
May	14	8.1	10.8	664
June	11	4.6	6.95	414
July	9.7	4.2	7.21	443
August	6.2	1.0	2.15	132
September	3.0	2.1	2.39	142
October	2.0	1.2	1.56	95.9
November 1-13	1.3	1.1	1.13	29.1
Total Recorded	....	....	....	2,220
Monthly Flow for the Year of 1913:				
April 13-30	14.4	3.0	8.41	300
May	25.2	14.4	19.7	1,210
June	25.2	21.5	23.3	1,390
July	21.5	.8	2.82	173
August	1.5	.6	1.14	70
September	2.6	1.2	1.76	105
October	2.6	1.5	1.90	117
November	1.5	1.5	1.50	89
December	1.5	.8	1.18	73
Total recorded	....	....	....	3,530

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

LITTLE BITTERROOT RIVER.

Observation Station Located in T. 25 N., R. 24 W., Near Hubbart, Mont.

Established in 1909.

Drainage Area, 194 square miles.

Character of Drainage Basin: Mountainous and forested.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	77	70	72.4	4,310
May	78	53	70.6	4,340
June	50	16	30.4	1,810
July	18	15	16.3	1,000
August	15	10	12.5	769
September	12	10	11.0	655
October	11	8	10.4	640
November, 1-11	17	8	11.9	260
Total Recorded	....	....	....	13,800
Monthly Flow for the Year of 1913:				
July 23-31	14	12	12.3	220
August	12	10	11.2	689
September	10	8	9.4	559
October	12	6	10.5	646
November, 1-14	10	6	7.6	211
Total Recorded	....	....	....	2,320

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

CROW CREEK.

Observation Station Located in T. 20 N., R. 20 W., Four Miles South of Ronan, Mont.

Established in 1906.

Drainage Area, 52 square miles.

Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
March, 15-31	26	17	22.4	755
April	57	....	30.6	1,820
May	....	23	130	7,990
June	....	....	227	13,500
July	262	56	117	7,190
August	91	17	49.5	3,040
September	46	12	27.1	1,610
October	23	12	15.4	947
November	....	....	12.0	714
December	....	....	7.0	430
Total recorded	....	....	....	38,000
Monthly Flow for the Year of 1913:				
April	94	2.0	36.7	2,180
May	462	47.0	115	7,070
June	474	264.0	369	22,000
July	213	14.0	87.2	5,360
August	62	7.0	39.3	2,420
September	57	7.0	36.0	2,140
October	125	20.0	39.6	2,430
November	44	28.0	31.9	1,900
December	26	20.0	23.1	1,420
Total recorded	....	....	....	46,900

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

CROW CREEK.

Observation Station Located in E. ½ Sec. 15, T. 20 N., R. 21 W., at Lozeau's Ranch Near Ronan, Mont.

Established in 1911.

Character of Drainage Basin: Mountains at the head, irrigated valley below.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
January	64	33	44.4	2,730
February	122	33	52.2	3,000
March	75	14	41.2	2,530
April	78	36	52.8	3,140
May	282	46	136	8,360
June	527	200	284	16,900
July	320	97	173	10,600
August	187	36	88.7	5,450
September	97	47	68.6	4,080
October	77	33	55.2	3,390
November	61	50	50.7	3,020
December	54	....	42.1	2,590
Total Recorded	....	....	90.7	65,800
Monthly Flow for the Year of 1913:				
March 2 to 31	534	4	70.8	4,210
April	111	50	66.8	3,980
May	628	50	155	9,530
June	616	155	299	17,800
July	170	78	101	6,210
August	78	37	55.8	3,430
September	65	37	56.5	3,360
October	115	55	62.7	3,860
November	78	55	64.3	3,830
December	55	55	55.0	3,380
Total Recorded	....	....	....	59,600

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

MISSION CREEK.

Observation Station Located in T. 18 N., R. 20 W., 1 Mile Below St. Ignatius, Mont.

Established in 1906.

Drainage Area, 58 square miles.

Character of Drainage Basin: Mountains and rolling irrigated valley.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
February	13	12	12.4	713
March	14	11	12.0	738
April	38	16	23.8	1,420
May	202	20	96.3	5,920
June 1-28	343	70	223	12,400
July 21-31	175	157	165	3,600
August	166	63	109	6,700
September	106	51	61.5	3,660
October	51	40	46.7	2,870
November	36	27	31.3	1,860
December	27	20	23.2	1,430
Total Recorded	....	....	....	41,300

MISSION CREEK—(Continued.)

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1913:				
January	18	14	16.3	1,000
February	18	14	16.0	889
March	14	14	14.0	861
April	40	14	26.5	1,580
May	265	26	91.6	5,630
June	370	201	262	15,600
July	335	102	160	9,840
August	102	61	82.1	5,050
September	54	29	38.8	2,310
October	38	29	30.3	1,860
November	29	22	25.8	1,540
December	22	10	15.8	972
Total Recorded	370	10	65.0	47,100

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

DRY CREEK.

Observation Station Located 3½ Miles S. E. of St. Ignatius, Mont.

Established in 1908.

Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April 7-30	11	1	4.3	205
May	40	2	23.6	1,450
June	78	34	56.9	3,390
July	78	26	42.3	2,600
August	33	5	16.2	996
September	7	1	4.4	262
Total Recorded	....	....	....	8,900
Monthly Flow for the Year of 1913:				
April 15-30	6	1.0	3.72	118
May	67	.0	15.3	941
June	72	39	53.2	3,170
July	57	16	30.7	1,890
August	19	10	13.8	848
September	10	5	3.7	220
Total Recorded	....	....	....	7,190

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

POST CREEK.

Observation Station Located at Highway Bridge on Line Between Secs. 23 and 24, T. 19 N., R. 20 W., Near Ronan, Mont.

Established in 1911.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	60	42	49.4	2,940
May	242	48	111	6,820
June	414	158	289	17,200
July	345	102	196	12,100
August	225	58	101	6,210
September	142	66	95.2	5,660
November	62	54	60.6	3,610
December	58	51	52.9	3,250
Total Recorded	....	....	....	57,800
Monthly Flow for the Year of 1913:				
January	52	43	45.8	2,820
February-a	....	37	45.9	2,550
March	56	38	43.7	2,690
April	73	43	58.5	3,480
May	377	56	120	7,380
June	404	225	335	19,900
July	324	142	192	11,800
August—b	160	....	116	7,130
September	46	31	33.3	1,980
October	49	31	40.6	2,500
November	56	46	49.3	2,930
December	46	43	43.8	2,690
Total Recorded	404	31	93.7	67,800

a—Estimated Feb. 6 to 20, 1913.
b—Estimated Aug. 11 to 30, 1913.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

SOUTH FORK OF JOCKO RIVER.

Observation Station Located in N. E. ¼ sec. 35, T. 17 N., R. 18 W., Near Jocko, Mont.

Established in 1912.
Character of Drainage Basin: Timbered mountains.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
May 11-31	850	243	552	23,000
June	850	210	542	32,300
July	206	120	152	9,350
August	119	103	111	6,820
September	101	54	75.0	4,460
October	54	44	48.2	2,960
November	60	38	51.4	3,060
December	38	29	34.0	2,090
Total Recorded	....	....	....	84,000
Monthly Flow for the Year of 1913:				
April 26-30	....	....	119	1,180
May	....	....	382	23,500
June	....	....	539	32,100
July	....	....	145	8,920
August	....	....	107	6,580
September	....	....	64.3	3,850
October	....	....	58.3	3,580
November 1-15	....	....	42.0	1,250
Total Recorded	....	....	....	80,900

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

JOCKO RIVER.

Observation Station Located in T. 16 N., R. 19 W., 1¼ Miles Northwest of Jocko, Mont.
Established in 1908.
Drainage Area, 122 square miles.
Character of Drainage Basin: Mostly mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
January	....	....	a70	4,300
February	....	....	a60	3,450
March	....	....	a65	4,000
April	335	86	244	14,500
May	1,000	265	700	43,000
June	1,000	550	808	48,100
July	550	147	301	18,500
August	172	148	162	9,960
September	172	134	157	9,340
October	152	120	135	8,300
November	143	102	120	7,140
December	101	77	89.6	5,510
Total Recorded	1,000	....	243	176,000
Monthly Flow for the Year of 1913:				
April 22-30	....	....	289	5,160
May	....	....	619	38,100
June	....	....	1,040	61,900
July	....	....	297	18,300
August	....	....	185	11,400
September	....	....	137	8,130
October	....	....	137	8,420
November	....	....	137	8,150
December 1-12	....	....	83.9	2,000
Total Recorded	....	....	....	162,000

a—Estimated.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

MIDDLE FORK OF JOCKO RIVER.

Observation Station Located Near North Line of Sec. 35, T. 17 N., R. 18 W., Near Jocko, Mont.
Established in 1912.
Character of Basin: Timbered mountains.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
May	133	31	81.5	5,010
June	134	68	92.1	5,480
July	67	50	58.3	3,580
August	50	32	38.7	2,380
September	32	25	29.0	1,730
October	25	19	21.6	1,330
November	20	16	18.6	1,110
December	16	15	15.1	925
Total Recorded	....	....	....	21,500
Monthly Flow for the Year of 1913:				
April 26-30	....	....	23.6	234
May	....	....	63.1	3,880
June	....	....	81.0	4,820
July	....	....	51.5	3,170
August	....	....	33.2	2,040
September	....	....	21.2	1,260
October	....	....	16.9	1,040
November	....	....	11.4	678
December 1-13	....	....	8.7	224
Total Recorded	....	....	....	17,300

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

FALLS CREEK.

Observation Station Located in N. E. ¼ Sec. 22, T. 17 N., R. 18 W., Near Jocko, Mont.
Established in 1912.
Character of Drainage Basin: Heavily timbered mountains.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
May 11-31	89	38	68.0	2,830
June	89	20	54.3	3,230
July	20	8.0	14.6	898
August	8.0	7.0	7.29	448
September	7.0	7.0	7.00	417
October	7.0	4.5	5.46	336
Total Recorded	....	....	....	8,160
Monthly Flow for the Year of 1913:				
May	....	....	34.1	2,100
June	....	....	49.0	2,920
July	....	....	13.2	812
August	....	....	5.35	329
September	....	....	3.11	185
October	....	....	3.13	192
November	....	....	2.02	120
December 1-6	....	....	1.00	11.9
Total Recorded	....	....	....	6,670

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362a.

NORTH FORK OF JOCKO RIVER.

Observation Station Located in N. W. ¼ Sec. 23, T. 17 N., R. 18 W., Near Jocko, Mont.
Established in 1912.
Character of Drainage Basin: Timbered, mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
May	303	56	201	12,400
June	322	145	236	14,000
July	140	37	75.2	4,620
August	36	22	29.5	1,810
September	35	21	25.3	1,510
October	27	23	24.4	1,500
November	35	24	28.8	1,710
December	23	13	15.5	953
Total Recorded	....	....	....	38,500
Monthly Flow for the Year of 1913:				
April 26-30	50	24	37	367
May	492	57	231	14,200
June	466	145	305	18,100
July	135	34	60.3	3,710
August	33	20	27.8	1,710
September	20	11	13.9	827
October	15	12	13.0	779
November	12	7	9.3	553
December 1-13	7	6	6.69	172
Total Recorded	....	....	....	40,400

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362a.

BIG KNIFE CREEK.

Observation Station Located in T. 17 N., R. 19 W., 2½ Miles Northeast of Jocko, Mont.

Established in 1908.

Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
May 10-31	40	8.0	22.4	977
June	50	30	37.5	2,230
July	40	19	26.5	1,630
August	19	13	15.6	959
September	13	9.5	10.7	637
October	9.4	7.8	8.45	520
Total Recorded	....	....	....	6,950
Monthly Flow for the Year of 1913:				
April	....	....	a6.27	373
May	38	6.5	15.1	928
June	40	28	34.2	2,040
July	28	16	20.2	1,240
August	16	14	14.8	910
September	14	10	11.8	702
October	12	9.4	10.2	627
November	9.4	7.3	8.40	500
December 1-12	7.1	5.8	6.38	152
Total Recorded	....	....	....	7,470

a—Estimated Apr. 1-21, 1912.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 annd 362-a.

AGENCY CREEK.

Observation Station Located in T. 16 N., R. 19 W., Two Miles East of Jocko, Mont.

Established in 1908.

Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
April	10	4.0	7.19	428
May	44	7.8	28.4	1,750
June	58	28	44.8	2,670
July	49	14	27.0	1,660
August	14	9.2	11.6	713
September	11	7.7	9.56	569
October	7.6	6.5	6.97	429
Total Recorded	....	....	....	8,220
Monthly Flow for the Year of 1913:				
April 22-30	6.7	6.1	6.38	114
May	99	4.8	31.9	1,960
June	86	42	55.3	3,290
July	42	10	21.0	1,290
August	11	6.5	8.94	550
September	6.3	4.0	4.99	297
October	6.9	4.6	5.57	342
November	6.1	2.1	3.87	230
December 1-12	2.1	2.0	2.05	48.8
Total Recorded	....	....	....	8,120

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

FINLEY CREEK.

Observation Station Located in T. 16 N., R. 19 W., 2½ Miles South of Jocko, Mont.
Established in 1908.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
January	....	....	7.0	430
February	....	....	8.0	460
March	....	....	9.0	553
April	29	12	23.1	1,370
May	124	30	76.8	4,720
June	118	46	88.8	5,280
July	78	18	41.1	2,530
August	24	13	16.4	1,010
September	16	11	14.4	857
October	11	11	11.0	676
November	....	....	8.0	476
December	....	....	7.0	430
Total Recorded	....	....	25.9	18,800
Monthly Flow for the Year of 1913:				
April 22-30	73	55	61.3	1,090
May	160	37	74.3	4,570
June	131	50	79.3	4,720
July	50	13	29.7	1,830
August	12	7.5	10.1	621
September	9.0	4.8	6.37	379
October	12	5.8	9.04	556
November	8.7	6.3	7.34	437
December 1-12	6.3	4.5	5.57	133
Total Recorded	....	....	....	14,300

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

EAST FINLEY CREEK.

Observation Station Located in T. 18 N., R. 18 W., Four Miles Southeast of Jocko, Mont.
Established in 1908.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
January	....	....	3.0	184
February	....	....	2.5	144
March	....	....	2.5	154
April	30	2.5	10.8	643
May	51	7.9	35.6	2,190
June	58	28	41.5	2,470
July	37	8.8	17.8	1,090
August	11	7.4	8.68	534
September	9.4	6.4	7.60	452
October	7.1	5.4	6.28	386
November	....	....	[a]4.0	238
December	....	....	[a]3.5	215
Total Recorded	58	....	12.0	8,700
Monthly Flow for the Year of 1913:				
April 22-30	30	11	16.0	286
May	103	9.2	35.6	2,190
June	88	34	53.2	3,170
July	34	10	19.1	1,170
August	11	6.5	8.95	550
September	6.3	4.1	5.26	313
October	11	4.6	7.11	437
November	9.3	5.5	6.60	393
December 1-12	5.5	4.5	5.04	120
Total Recorded	....	....	....	8,630

a—Estimated.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362a.

INDIAN DITCH.

Observation Station Located 50 Feet Below East Finley Gage, Near Jocko, Mont.
Established in 1908.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
January	....	....	a2.0	123
February	....	....	a1.5	86
March	....	....	a1.5	92
April	5.3	.6	3.64	217
May	23	2.4	10.5	646
June	29	4.1	19.1	1,140
July	18	3.1	5.62	346
August	4.0	1.4	2.81	173
September	6.7	3.1	5.08	302
October	8.4	6.0	7.15	440
Total Recorded	....	....	....	3,570
Monthly Flow for the Year of 1913:				
April 22-30	10.0	7.2	9.20	164
May	10.0	5.5	7.99	491
June	27.9	9.0	20.2	1,200
July	14.2	2.2	5.84	359
August	8.3	5.1	6.55	403
September	5.0	3.4	4.11	245
October	7.5	3.5	5.92	364
November	6.9	3.6	5.50	327
December 1-12	3.6	2.2	2.84	68
Total Recorded	....	....	....	3,620

a—Estimated.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

REVAIS CREEK.

Observation Station Located in T. 18 N., R. 22 W., 4 Miles Northwest of Dixon, Mont.
Established in 1911.
Character of Drainage Basin: Mountainous.

Month.	Discharge in Second Feet.			Run-off.
	Maximum.	Minimum.	Mean.	Total Acre Feet.
Monthly Flow for the Year of 1912:				
January	11	8	8.9	547
February	8	8	8.0	460
March	12	8	8.5	523
April	67	12	40.8	2,430
May	226	45	130	7,990
June	154	36	87.1	5,180
July	45	14	24.2	1,490
August	14	11	11.9	732
September	11	11	11.0	655
October	8	8	8.0	492
November	11	8	8.7	518
December	8	8	8.0	492
Total Recorded	226	8	29.6	21,500
Monthly Flow for the Year of 1913:				
January	8	7	7.6	467
February	11	7	7.8	433
March	8	7	7.4	455
April	81	7	41.4	2,460
May	336	40	147	9,040
June	266	50	123	7,320
July	50	14	27.9	1,720
August	14	9.5	10.7	658
September	11	7	8.2	488
October	12	7	8.3	510
November	16	9.5	12.2	726
December	11	7	7.8	480
Total Recorded	336	7	34.2	24,760

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

THOMPSON RIVER.

Observation Station Located in S. E. ¼ Sec. 7, T. 21 N., R. 28 W., About 8 Miles East of Thompson, Montana.

Established in 1911.

Drainage Area, about 600 square miles.

Character of Drainage Basin: Mountainous and forested.

There were only a few gage heights recorded at irregular intervals during 1912 and 1913. The following measurements of discharge have been made.

Feb. 23. 1912	177 second-feet.
May 5. 1912	796 second-feet.
July 18, 1912	303 second-feet.
Mar. 10. 1913	186 second-feet.
Apr. 17. 1913	1,420 second-feet.
May 29. 1913	3,060 second-feet.
Dec. 10. 1913	105 second-feet.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 332 and 362-a.

PROSPECT CREEK.

Observation Station Located in N. E. ¼ Sec. 18, T. 21 N., R. 29 W., About 1 Mile From Thompson, Mont.

Drainage Area, 139 square miles.

Character of Drainage Basin: Mountainous and forested.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1911.						
February, 12-28	88	82	85.4	0.614	2,880	0.39
March	1,250	80	385	2.77	23,700	3.19
April	1,080	397	716	5.15	42,600	5.75
May	990	365	790	5.68	48,600	6.55
June	840	322	549	3.95	32,700	4.41
July	307	122	189	1.36	11,600	1.57
August	120	65	95.2	.685	5,850	.79
September	66	50	59.6	.429	3,550	.48
Total Recorded	....	....	....	....	171,000	....

There were only a few gage heights recorded at irregular intervals during 1912 and 1913. The following measurements of discharge have been made.

Feb. 23. 1912	107 second-feet.
May 5. 1912	521 second-feet.
July 18. 1912	107 second-feet.
Aug. 16, 1912	66 second feet.
Mar. 10. 1913	178 second-feet.
Apr. 17. 1913	1,280 second-feet.
May 29. 1913	1,790 second-feet.
Dec. 10. 1913	18.5 second-feet.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 312, 332 and 362-a.

MISCELLANEOUS MEASUREMENTS IN CLARK FORK OF COLUMBIA RIVER DRAINAGE BASIN IN 1912-'13.

Date.	Stream.	Tributary to.	Locality.	Discharge.
1912.				Sec.-ft.
Aug. 16	Dry Creek	Clark Fork of Columbia River	Thompson	13.6
Mar. 29	Spring Creek	Crow Creek	Ronan	16.1
Mar. 31	Mud Creek	Crow Creek	Ronan	7.2

ST. MARY RIVER DRAINAGE BASIN.

ST. MARY RIVER NEAR BABB, MONT.

This station is about two miles south of Babb, and has been designated at various times by the following names: St. Mary at Damsite; St. Mary near St. Mary; St. Mary at U. S. R. S. Camp, and St. Mary near Babb.

No water is diverted above, but the United States Reclamation Service has appropriated 850 second-feet of water which will be diverted near the station.

Established in 1902.

Elevation of Station, 4,500 feet.

Elevation of Head Waters, 8,000 feet.

Drainage Area, 177 square miles.

Character of Drainage Basin: Forested mountains; the stream is fed by numerous glaciers.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
January	73	....	65.3	0.369	4,020	0.43
February	73	57	60.6	.342	3,490	.37
March	57	45	50.0	.282	3,070	.33
April	309	57	158	.893	9,400	1.00
May	1,680	253	979	5.53	60,200	6.38
June	1,520	1,200	1,360	7.68	80,900	8.57
July	1,360	700	920	5.20	56,600	6.00
August	755	386	560	3.16	34,400	3.64
September	366	235	321	1.81	19,100	2.02
October	253	153	201	1.14	12,400	1.31
November	253	168	217	1.23	12,900	1.37
December	183	81	125	.706	7,690	.81
Total Recorded	1,680	....	419	2.37	304,000	32.23
M'nthly Flow Yr. 1913.						
January	....	....	a60	0.339	3,690	0.39
February	....	....	a70	.395	3,890	.41
March	....	....	a86	.486	5,230	.56
April	350	65	196	1.11	11,700	1.24
May	3,080	390	886	5.01	54,400	5.78
June	3,480	1,760	2,550	14.4	152,000	16.07
July	2,300	815	1,250	7.06	76,900	8.14
August	815	650	696	3.93	42,800	4.53
September	650	229	386	2.18	23,000	2.43
October	229	197	217	1.23	13,300	1.42
November	229	163	201	1.14	12,000	1.27
December	....	....	a130	.734	7,990	.85
Total Recorded	3,480	....	562	3.17	407,000	43.09

a—Discharge estimated.

Note.—The figures for 1913 are provisional and are subject to revision.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 325 and 355.

ST. MARY RIVER BELOW SWIFTCURRENT CREEK.

Observation Station Located at Babb, Mont.

Established in 1901.
Elevation of Station, 4,400 feet.
Elevation of Head Waters, 8,000 feet.
Drainage Area, 298 square miles.
Character of Drainage Basin: Forested mountains; stream fed by glaciers.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
January	....	....	98.4	0.330	6,050	0.38
February	118	....	99.7	.335	5,730	.36
March	91	64	75.9	.255	4,670	.29
April	557	104	374	1.26	22,300	1.41
May	2,270	525	1,590	5.34	97,800	6.16
June	2,250	1,820	1,990	6.68	118,000	7.45
July	2,000	1,170	1,460	4.90	89,800	5.65
August	1,320	521	775	2.60	47,700	3.00
September	550	346	461	1.55	27,400	1.73
October	423	247	340	1.14	20,900	1.31
November	420	306	353	1.18	21,000	1.32
December	307	118	196	.658	12,100	.76
Total Recorded	2,270	64	653	2.19	473,000	29.82
M'nthly Flow Yr. 1913.						
January	125	43	90	0.302	5,530	0.35
February	....	....	a100	.336	5,550	.35
March	....	....	a111	.372	6,820	.43
April	1,310	75	539	1.81	32,100	2.02
May	4,440	568	1,460	4.90	89,800	5.65
June	4,650	2,210	3,400	11.41	202,000	12.73
July	2,740	1,130	1,640	5.50	101,000	6.34
August	1,280	797	1,040	3.49	64,000	4.02
September	790	282	502	1.68	29,900	1.87
October	337	261	289	.970	17,800	1.12
November	337	246	333	1.12	19,800	1.25
December	....	....	a206	.691	12,700	.80
Total Recorded	4,650	....	811	2.72	581,000	36.93

Note for 1912.—Mean discharge Jan. 1 to 12 estimated at 80 second-feet; mean discharge Jan. 13 to Feb. 5 estimated at 110 second-feet.

a—Discharge estimated.

Note.—The figures for 1913 are provisional and are subject to revision.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 325 and 355.

ST. MARY RIVER NEAR CARDSTON, ALBERTA.

This station is one-fourth mile north of the boundary line between the United States and Canada, and 17 miles south of Cardston, Alberta.

Established in 1902.

Elevation of Station, 4.200 feet.

Elevation of Head Waters, 8,000 feet.

Drainage Area, 452 square miles.

Character of Drainage Basin: Forested mountains and rolling prairie.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
January	....	....	a130	0.288	7,990	0.33
February	....	....	a120	.265	6,900	.29
March	....	....	a110	..243	6,760	.28
April	748	150	542	1.20	32,300	1.34
May	3,480	801	2,030	4.49	125,000	5.18
June	2,900	1,820	2,350	5.20	140,000	5.80
July	2,160	1,190	1,580	3.50	97,200	4.04
August	1,260	561	887	1.96	54,500	2.26
September	604	404	524	1.16	31,200	1.29
October	504	374	423	..936	26,000	1.08
November	522	374	432	.956	25,700	1.07
December	359	....	249	..551	15,300	.64
Total recorded	3,480	....	783	1.73	569,000	23.60

a—Estimated by comparison with other St. Mary stations.

The station was moved downstream 8 miles in 1913 to Kimball, Alberta.

Reference for daily flow in U. S. G. S. Water Supply paper No. 325.

ST. MARY RIVER.

Observation Station Located at Kimball, Alberta.

Established in 1913.

Drainage Area, 472 square miles.

Character of Drainage Basin: Mountains and prairies.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1913.						
January	202	95	158	0.335	9,715	0.386
February	146	101	129	.273	7,164	.284
March	226	135	191	.405	11,744	.467
April	1,240	238	749	1.587	44,569	1.771
May	5,260	902	1,912	4.051	117,564	4.671
June	5,380	3,240	4,519	9.574	268,900	10.681
July	3,620	1,340	2,024	4.288	124,450	4.944
August	1,690	830	1,162	2.462	71,448	2.838
September	816	372	542	1.148	32,251	1.281
October	576	364	448	.949	27,548	1.094
November	416	266	371	.786	22,076	.877
December	312	78	190	.403	11,683	.465
Total recorded	5,380	78	1,035	2.19	749,112	29.759

Note.—The figures for 1913 are provisional and are subject to revision.

Reference for daily flow in U. S. G. S. Water Supply paper No. 355.

SWIFTCURRENT CREEK AT McDERMOTT LAKE.

Observation Station Located at Outlet of Lake in Sec. 12, T. 35 N., R. 16 W., Near Babb, Mont.

Established in 1912.
Elevation of Station, 4,860 feet.
Elevation of Head Waters, 7,500 feet.
Drainage Area, 31.4 square miles.
Character of Drainage Basin: Mountainous; stream fed by glaciers.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
June 6-30	706	266	431	13.7	21,400	12.75
July	364	155	230	7.32	14,100	8.44
August	155	103	126	4.01	7,750	4.62
September	103	68	87.5	2.79	5,210	3.11
October	84	68	69.0	2.20	4,240	2.54
November 1-8	68	68	68.0	2.17	1,080	.65
Total recorded	....	....	....	....	53,800	....
M'nthly Flow Yr. 1913.						
January	....	....	a20	0.637	1,230	0.73
February	....	....	a15	.478	833	.50
March	....	....	a15	.478	922	.55
April	....	....	a100	3.18	5,950	3.55
May	1,120	....	b311	9.90	19,100	11.41
June	815	468	683	21.8	40,600	24.33
July	665	140	310	9.87	19,100	11.38
August	246	145	191	6.08	11,700	7.01
September	141	76	113	3.60	6,720	4.02
October	127	76	97.6	3.11	6,000	3.58
November	....	....	a81	2.58	4,820	2.88
December	....	....	a36	1.15	2,210	1.33
Total Recorded	1,120	....	165	5.25	119,000	71.27

a—Discharge estimated.
b—Daily discharge May 1-15 estimated at 75 second-feet.
Note.—The figures for 1913 are provisional and are subject to revision.
Reference for daily flow in U. S. G. S. Water Supply papers Nos. 325 and 355.

SWIFTCURRENT CREEK AT SHERBURNE LAKE, MONT.

Observation Station Located at Outlet of Lower Sherburne Lake, in Sec. 35, T. 36 N., R. 15 W.

Established in 1912.
Elevation of Station, 4,726 feet.
Elevation of Head Waters, 7,500 feet.
Drainage Area, 64 square miles.
Character of Drainage Basin: Mountainous; stream fed by glaciers.

Month.	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1912.						
July	672	212	374	5.84	23,000	6.73
August	266	98	175	2.74	10,800	3.16
September	174	80	120	1.88	7,140	2.10
October	144	69	93.4	1.46	5,740	1.68
November	132	66	91.9	1.44	5,470	1.61
December 1-15	71	47	62.0	.969	1,840	.54
Total Recorded	....	....	....	....	54,000	....

SWIFTCURRENT CREEK AT SHERBURNE LAKE, MONTANA—(Continued.)

	Discharge in Second Feet.				Run-off.	
	Maximum.	Minimum.	Mean.	Per Sq. Mile.	Total Acre Feet.	Depth in Inches on Drainage Area.
M'nthly Flow Yr. 1913.						
January	....	....	a30	0.469	1,840	0.54
February	....	....	a25	.391	1,390	.41
March	....	....	a25	.391	1,540	.45
April	....	....	a150	2.34	8,930	2.61
May	1,850	103	516	8.06	31,700	9.29
June	1,500	853	1,070	16.7	63,700	18.6
July	1,100	251	429	6.70	26,400	7.72
August	366	151	274	4.28	16,800	4.93
September	151	84	116	1.81	6,900	2.02
October	222	84	131	2.05	8,060	2.36
November	128	66	91	1.42	5,410	1.58
December	....	....	a45	.703	2,770	.81
Total Recorded	1,850	....	242	3.78	175,000	34.58

a—Discharge estimated.

Note.—The figures for 1913 are provisional and are subject to revision.

Reference for daily flow in U. S. G. S. Water Supply papers Nos. 325 and 355.

MISCELLANEOUS MEASUREMENTS IN ST. MARY RIVER DRAINAGE BASIN IN 1912-13.

Date.	Stream.	Tributary to.	Locality.	Discharge
1912.				Sec.-ft.
Mar. 19	Swiftcurrent Creek	St. Mary River	McDermott Lake, Mont.	10.8
June 7	Kennedy Creek	do	Babb, Mont.	179
Aug. 16	do	do	Do	55
1913.				
Aug. 21	Boulder Creek	Swiftcurrent Creek	At mouth	36

INDEX TO STREAM—FLOW DATA IN REPORTS OF THE U. S. GEOLOGICAL SURVEY.

Prior to 1902 the results of stream measurements were not published by drainage basins, giving complete annual results for each basin in one paper, but appeared in various reports as shown in the following table:

(Ann.—Annual Report; B.—Bulletin; W. S.—Water Supply Paper.)

Report.	Character of data.	Year.
10th Ann., pt. 2	Descriptive information only	
11th Ann., pt. 2	Monthly discharge	1884 to Sept., 1890.
12th Ann., pt. 2	....do	1884 to June 30, 1891.
13th Ann., pt. 3	Mean discharge in second-feet	1884 to Dec. 31, 1892.
14th Ann., pt. 2	Monthly discharge (long-time records, 1871 to 1893)	1888 to Dec. 31, 1893.
B. 131	Description, measurements, gage heights, and ratings	1893 and 1894.
16th Ann., pt. 2	Descriptive information only	
B. 140	Descriptions, measurements, gage heights, ratings, and monthly discharge (also many data covering earlier years)	1895.
W. S. 11	Gage heights (also gage heights for earlier years)	1896.
18th Ann., pt. 4	Descriptions, measurements, ratings, and monthly discharge (also similar data for some earlier years)	1895 and 1896.
W. S. 15	Descriptions, measurements, and gage heights, eastern United States, eastern Mississippi River, and Missouri River above junction with Kansas	1897.
W. S. 16	Description, measurements, and gage heights, western Mississippi River below junction of Missouri and Platte and western United States.	1897.
19th Ann., pt 4	Description, measurements, ratings and monthly discharge (also some long-time records)	1897.
W. S. 27	Measurements, ratings, and gage heights, eastern United States, eastern Mississippi River, and Missouri River	1898.
W. S. 28	Measurements, ratings, and gage heights, Arkansas River and western United States	1898.
20th Ann., pt 4	Monthly discharge (also for many earlier years)	1898.
W. S. 35 to 39	Descriptions, measurements, gage heights, ratings	1899.
21st Ann., pt 4	Monthly discharge	1899.
W. S. 47 to 52	Descriptions, measurements, gage heights, and ratings	1900.
22nd Ann., pt. 4	Monthly discharge	1900.
W. S. 65,66	Descriptions, measurements, gage heights, and ratings	1901.
W. S. 75	Monthly discharge	1901.

After 1901 the data has been published in Water Supply Papers according to drainage basins as shown in the following list for the drainage basins which include parts of Montana.

Year.	Numbers of Water-Supply Papers.		
	Missouri River Drainage	Columbia River Drainage	Hudson Bay Drainage
1902	84	85	85
1903	99	100	100
1904	130	135	130
1905	172	178	171
1906	208	214	207
1907-8	246	252	245
1909	266	272	265
1910	286	292	285
1911	306	312	305
1912	326	332	325
1913	356	362a	355

Note.—Missouri River drainage includes Missouri River, Yellowstone River and Little Missouri ~~Kootenai~~ River. Columbia River drainage includes Clark Fork of Columbia River and Kootenai River. Hudson Bay drainage includes St. Mary River.

Water Supply Paper 119 contains an index of records prior to 1904.

WATER FILINGS AND DECREES.

Under our present laws, the records of the County Clerk's Office have very little to do with the legal title to water and are only considered prima facie evidence to be used in the future by the District Court in determining what a water right might be, and are inferior evidence even then, compared with testimony of actual and continued use of the water.

An adjudicated water right or decree is generally accepted as the best title to water that one can possess in Montana, being based upon evidence and testimony to the effect that water was actually diverted from the stream and put to beneficial use upon a certain date, in a definite quanity and by definite means. That it was actually and continuously used for beneficial purposes. That the means of diversion actually carried, and continues to carry, the amount of water claimed; and that the purpose for which it was diverted, actually required the amount of water so claimed.

The mere fact of placing a filing on record for any amount of water has very little to do with establishing the necessary facts to obtain a water right decree; but is simply evidence going to show that there is some claim of a water right. Just what that right is can only be established by the facts and the evidence and the entering of the decree itself.

All water rights can be forfeited by non-usage as can a decree. The decree simply establishes what the right is at the time the decree is entered, and can be forfeited by abandonment and non-use, in part or in whole, and it can, and may, become necessary to have the same right decreed again or even a number of times, depending on the the conditions and demands of others on the same stream or stream system. The water right litigation may be reopened at any time for good and sufficient reason, thereby affecting and bringing into court the decreed rights of former adjudications as parties to the new trial. So, for this reason, even the decree, in Montana, is a very unsatisfactory right, as compared with the water titles in some of our neighboring states.

Any one may record a filing, under our present system, for any amount. regardless of his necessity or the flow of the stream, and without regard to previous filings or decrees Whether he really has a right and whether his rights, if any, to the amount of the filing, or any part of it, is ever perfected by actual construction and diversion or not, there is no way to determine, except by actual examination. On the other hand, a bona fide appropriator may divert water for beneficial use and have an equally good right to the water without making it a matter of record at all. How many of these rights there are it is also impossible to tell, except by actual examination. There is no regulation of any kind and no one authorized to attempt in any way to regulate these matters. There is no way to cancel and get rid of claims on the records against a stream, which began and ended with the filing. There is no way, save through expensive litigation, to protect actual users of the water of a stream when the supply runs short. In brief, our present system can hardly be called a practical working plan at all.

In view of these conditions, it is hardly to be expected that a report upon the amount of water appropriated, can be more than a compilation of what the records show, in filings and decrees, against each stream; this to be a foundation for further investigation by those interested in ascertaining the real facts.

This office has endeavored to make such a compilation and by enlisting the co-operation of Abstractors in the various Counties, we have secured on forms furnished by us, an abstract of the original water filings and decrees of the state and have compiled this data as a record of the office. This gives us a list of all filings and decrees against any stream in the state. We have made no attempt to carry down present ownership, but simply to be prepared to answer the many enquiries as to the amount of water claimed from the streams, as shown by the records, and to have available, as far as practicable, all necessary data for Carey Act, and other water supply investigations.

This information we have on file under the name of the stream, each tributary being treated as an individual stream. It comprises a descriptive list of the filings and decrees on each stream, as completely as it has been possible to determine from the data submitted to us.

For each water filing is given, as far as available, the date of notice the amount claimed, the purpose of use, the place of intended use, the size of the diversion, the bank from which diverted, the date and means of appropriation, the name of the original claimant, and the date, book and page of the county record.

Where a stream has been adjudicated, each decreed right is given, as far as availablbe, with the name of the person to whom decreed, the book and page of the record of the decree as entered, the date of the decree, the place of use, the purpose, the amount decreed and the number of acres irrigated, when for irrigation, together with the amount and date of original filing.

From this compilation, we have endeavored to embody in this report a summary of all the filings recorded, for all purposes, against each individual stream; and where the stream is decreed, the decrees are also given.

This is given in tabulated form, showing so far as available, the stream of which it is a branch, the present County or Counties through which it flows and the number of recorded water filings and decrees with their respective total amounts in miner's inches and their equivalent in cubic feet per second to the nearest tenth of a foot. Some of the decrees given include both main stream and tributaries, as it is impossible, with the data at hand, to segregate them; but where possible, the decrees upon all tributaries are segregated and shown under the name of the tributary.

Un-named tributaries and springs are shown, and included with the stream to which they are tributary. Where such is the case, attention is called to the fact by means of a reference mark and footnote. In some cases, more especially with the older filings, no definite amount is given, and where such filings occur, reference marks and footnotes are used. Likewise, reference marks and footnotes are used where there are filings of units other than second-feet or miner's inches; also to distinguish each of the records of the Federal Court decrees. Where any stream in the tabulation has ever been measured and a record of same is available, these marks and footnotes also call attention to the fact and the measurement and flow, as far as recorded, will be found in either this or the fifth report of this office, or both.

In some cases, where a stream is known by more than one name or by one name spelled in different ways, the filings have been entered under one name and the other name or names are listed calling attention to the one for which the record of filings will be found. Where there are filings on a lake which is the source of a stream, or through which a stream flows, these filings are included with those of the stream itself and the name of the lake is listed. calling attention to the stream.

All streams are given in alphabetical order, with the forks of a stream immediately following it. These forks are usually abbreviated with the initials, as E.F. for east fork of, L.F. for left fork of, M.F. for middle fork of, E.Br. for east branch of, etc., and in a few cases B. and L. and used for big and little. Cr. and R. are used where creek and river are abbreviated. In cases where space is limited, other abbreviations which can be easily understood are also employed.

To determine the number of filings and amount affecting a stream or stream system, add the filings and amounts on the tributaries involved to those of the stream itself. This also applies to decrees. A list of such tributaries may be had from the compilations in this office.

Where the flow of a stream is recorded, this flow includes all tributaries above the station where the measurement was taken, less the quantity which may have been diverted for irrigation or other purposes.

In a compilation of this kind made from data such as we necessarily had to work with, and with streams bearing two or more names and with indefinite information as to their location, it would be surprising if corrections were not found necessary some where.

Please notify the STATE ENGINEER, Helena, Montana, of any error found and thus assist us in making our records as accurate as possible.

WATER RIGHT DATA.
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
A. & P. Tunnel—Yankee Doodle Gulch—Silver Bow	1	100	2.5	....	......	......
Ababe Cr.—Little Muddy Cr.—Cascade	1	80	2.0	....	......	......
Abrams Cr.—Grasshopper Cr.—Beaverhead	2	150	3.8	1	all	......
Abbot Coulee—Marias R.—Teton	1	200	5.0	....	......	......
Abbott Lake—Marias R.—Teton	1	1,000	25.0	....	......	......
Abbott Cr.—Kootenai R.—Lincoln	1	200	5.0	....	......	......
Abel Coulee—Larb Cr.—Valley	5	41,480	1,037.0	....	......	......
A. B. Gulch—Hackberry Cr.—Fallon	2	800	20.0	....	......	......
A. B. Tanner Coulee—Missouri—Sheridan	1	400	10.0	....	......	......
Acorn Cr.—Indian Cr.—Rosebud	1	500	12.5	....	......	......
Ada Gulch— Jefferson	1	75	1.9	....	......	......
Adair Cr.—Shields R.—Park	8	1,600	40.0	8	445	11.1
Adams Cr.—Muddy Cr.—Teton	5	1,100	27.5	....	......	......
Adolph Creek— Gallatin	1	50	1.2	....	......	......
*Agency Cr.—Jocko R.—Missoula	4	16,000	400.0	....	......	......
Agnes Cr.—American Fork—Sweetgrass	3	2,900	72.5	....	......	......
Agnes Lake—Rock Cr.—Beaverhead		See Lake Agnes.				
A'Hern Crk—American Fork—Sweetgrass	4	860	21.5	....	......	......
N. F. A'Hern Cr.—A'Hern Cr.—Sweetgrass	1	100	2.5	....	......	......
Aiken Coulee—Willow Cr.—Toole	1	400	10.0	....	......	......
Alaska Cr.— Custer	1	400	10.0	....	......	......
Albert Cr.—Missoula R.—Missoula	1	300	7.5	....	......	......
Alber's Slough—Beaverhead R.—Beaverhead.	....	......	......	6	984	24.6
Albright Cr.—Missouri R.—Cascade	1	250	6.25	....	......	......
Aldar Gulch—Rock Cr.—Blaine		See Alder Creek.				
Alden Cr.—Falls Cr.—Park	2	270	6.8	....	......	......
Alder Cr.—Big Hole R.—Beaverhead	6	4,080	102.0	....	......	......
Alder Cr.—Rock Cr.—Blaine	22	7,214	180.4	....	......	......
Alder Cr.—Ruby R.—Madison	56	†1,265§	31.6	....	......	......
Alder Cr.—St. Regis R.—Mineral	1	150	3.8	....	......	.....
Alder Cr.—Mendenhall Cr.—Sweetgrass	1	250	6.2	....	......	......
Alder Gulch—Rock Cr.—Blaine		See Alder Creek.				
Alder Gulch—Upper Willow Cr.—Granite	2	500	12.5	....	......	......
Alder Gulch—Bison Cr.—Jefferson	1	50	1.2	....	......	.....
Alder Gulch—Ruby R.—Madison		See Alder Creek.				
Aldrich Coulee—Pondera Coulee—Teton	2	1,400	35.0	....	......	......
Alexander Coulee—Horse Cr.—Hill	1	100	2.5	....	......	......
Alex Gulch—Deer Lodge R.—Powell	1	all	......	....	......	......
Alice Cr.—Big Blackfoot R.—Lewis & Clark.	5	5,500	137.5	....	......	......
Alice Cr.—Clark Fork—Park		See Alice E. Creek.				
Alice E. Cr.—Clark Fork—Park	2	114	2.85	....	......	......
Alkali Coulee—Six Mile Cr.—Blaine	1	15	0.4	....	......	......
Alkali Coulee—Suction Cr.—Blaine	1	400	10.0	....	......	......
Alkali Coulee—Surprise Cr.—Cascade	1	100	2.5	....	......	......
Alkali Coulee—Missouri R.—Chouteau	9	10,401	260.2	....	......	......
Alkali Coulee—Chip Coulee—Chouteau	1	1,440	36.0	....	......	......
Alkali Coulee—Marias R.—Chouteau	1	320	8.0	....	......	......
Alkali Coulee—Missouri R.—Dawson	1	1,080	27.0	....	......	......
Alkali Coulee—Milk R.—Hill (34 N, 11 E)	1	160	4.0	....	......	......
Alkali Coulee—Milk R.—Hill (35 N., 12 E)	1	400	10.0	....	......	......
Alkali Coulee—Cottonwood Cr.—Hill	1	120	3.0	....	......	......
Alkali Coulee—Swimming Woman Cr.—Musselshell	1	100	2.5	....	......	......
Alkali Coulee—Birch Cr.—Teton	1	960	24.0	....	......	......
Alkali Coulee—Cut Bank Cr.—Teton	1	400	10.0	....	......	......
Alkali Coulee—Dry Lake—Toole	1	100	2.5	....	......	......
Alkali Coulee—Willow Cr.—Toole	2	160	4.0	....	......	......
Alkali Coulee—Frenchman Cr.—Valley	1	1,000	25.0	....	......	......
Alkali Coulee—Brazil Cr.—Valley	2	2,200	55.0	....	......	......
Alkali Coulee—Milk R.—Valley	1	200	5.0	....	......	......
Alkali Cr.—Beaverhead R.—Beaverhead	1	320	8.0	....	......	......
Alkali Cr.—E. F. Blacktail Deer Cr.—Beaverhead	3	650	16.2	....	......	......
Alkali Cr.—Horse Prairie Cr.—Beaverhead	8	16,900	422.5	2	60	1.5
Alkali Cr.—Peat Cr.—Beaverhead	5	2,590	64.8	....	......	......
Alkali Cr.—Tullock Cr.—Big Horn	2	†all	......			
*Alkali Cr.—Milk R.—Valley-Blaine	4	7,200	180.0	....	......	......

Add Alkali Cr R. 29 E.

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
W. Alkali Cr.—Alkali Cr.—Valley-Blaine	6	14,360	359.0	....	......	......
Alkali Cr.—Rocky Fork—Carbon	11	3,390§	84.8	29	2,648	66.2
Alkali Cr.—Elbow Cr.—Carbon	1	320	8.0	....	......	......
Alkali Cr.—Powder R.—Fallon-Custer	1	200	5.0	....	......	......
E. Br. Alkali Cr.—Alkali Cr.—Fallon-Custer	1	400	10.0	....	......	......
Alkali Cr.—Chamberlain Cr.—Fergus	1	320	8.0	....	......	......
Alkali Cr.—Flatwillow Cr.—Fergus	5	1,000	25.0	....	......	......
Alkali Cr.—McDonald Cr.—Fergus	3	500	12.5	....	......	......
Alkali Cr.—Warm Springs Cr.—Fergus	2	300	7.5	....	......	......
Alkali Cr.—Big Elk Cr.—Meagher	3	375	9.4	2	80	2.0
Alkali Cr.—Careless Cr.—Meagher	1	200	5.0	....	......	......
Alkali Cr.—Elk Cr.—Meagher	1	500	12.5	....	......	......
Alkali Cr.—Lebo Cr.—Meagher	1	5,000	125.0	....	......	......
Alkali Cr.—Musselshell R.—Meagher	5	§810	20.2	....	......	......
Alkali Cr.—N. F. Musselshell—Meagher	1	80	2.0	....	......	......
Alkali Cr.—Careless Cr.—Musselshell	2	80	2.0	....	......	......
Alkali Cr.—Painted Robe Cr.—Musselshell	1	1,500	37.5	....	......	......
Alkali Cr.—Potter Cr.— Park Gallatin	4	325§	8.1	....	......	......
Alkali Cr.—Poplar R.—Sheridan	2	18	0.4	....	......	......
Alkali Cr.—Red Bank Cr.—Sheridan	1	1,000	25.0	....	......	......
Alkali Cr.—W. F. Duck Cr.—Sweetgrass	2	300	7.5	....	......	......
Alkali Cr.—Yellowstone R.— { Rosebud Musselshell Yellowstone	8	27,400	685.0	....	......	......
Alkali Cr.—Dry F. Marias R.—Teton	1	160	4.0	....	......	......
Alkali Cr.—Muddy Cr.—Teton	1	2,000	50.0	....	......	......
Alkali Cr.—Bear Cr.—Valley	1	400	10.0	....	......	.....
Alkali Cr.—Beaver Cr.—Valley	1	4,000	100.0	....	......	......
Alkali Cr.—Milk R.—Valley (R. 30 E.)	1	300	7.5	....	......	......
Alkali Cr.—Milk R.—Valley (R. 29 E)	11	104,600§	2,615.0	....	......	......
W. Alkali Cr.—Alkali Cr.—Valley	1	1,000	25.0	....	......	......
Alkali Cr.—Yellowstone R.—Yellowstone	12	2,805	70.1	....	......	......
N. F. Alkali Cr.—Yellowstone R.—Yellow'ne	2	115	2.8	....	......	......
S. F. Alkali Cr.—Alkali Cr.—Yellowstone	2	255	6.4	....	......	......
Alkali Flat Coulee—Dry Lake—Toole	2	600	15.0	....	......	......
Alkali Gulch—Judith R.—Fergus	2	200	5.0	....	......	......
Alkali Gulch—Hell Gate R.—Granite	1	100	2.5	....	......	......
Alkali Lake—Judith R.—Fergus	1	120	3.0	....	......	......
Alkali Lake—Milk R.—Hill	1	4,000	100.0	....	......	......
Alkali Lake Coulee—Snake Cr.—Sheridan	1	1,000	25.0	....	......	......
Alkali Lake Cr.—Big Muddy Cr.—Sheridan	1	1,000	25.0	....	......	......
Alkali Lake Cr.—Beaver Cr.—Valley	1	1,000	25.0	....	......	......
Alkali Slough Cr.—Flint Cr.—Granite	1	50	1.3	....	......	......
Alkali Spring Cr.—Pondera Coul.—Chouteau	1	120	3.0	....	......	......
Alkili Gulch—Bitterroot R.—Ravalli	1	300	7.5	....	......	......
Alkinson Coulee—Woody Island Cr.—Blaine	1	80	2.0	....	......	......
Allebough Cr.—S. F. Musselshell—Meagher	21	6,133§	153.2	....	......	.....
S. F. Allebough Cr.—Allebough Cr.—Meagher	1	all	......	....	......	......
Alledice Cr.—Red Rock R.—Beaverhead	1	16,000	400.0	4	255	6.4
Allen's Coulee—Bull Hook Cr.—Hill	1	400	10.0	....	......	......
Allen Coulee—Dry Lake—Toole	3	2,600	65.0	....	......	......
Allen Creek—Elbow Cr.—Carbon	1	500	12.5	....	......	......
Allen Cr.—W. F. Hound Cr.—Cascade	3	460§	11.5	....	......	......
N. F. Allen Cr.—Allen Cr.—Cascade	1	60	1.5	....	......	......
Allendale Cr.—Yellowstone R.—Yellowstone	1	150	3.8	....	......	......
Allen Hay Cr.—Jerry Cr.—Silver Bow	1	300	7.5	....	......	......
Alligator Cr.—Little Big Horn—Big Horn	1	80	2.0	....	......	......
Allison Cr.—Powder R.—Custer	2	900	22.5	....	......	......
Al Loraine Cr.— Blaine	1	500	12.5	....	......	......
Alma Coulee—Cottonwood Cr.—Hill	3	840	21.0	....	......	......
E. F. Alma Coulee—Alma Coulee—Hill	1	200	5.0	....	......	......
Alma Cr.—Flathead Lake—Flathead	4	16,660	416.5	....	......	......
Alousi Coulee—Brazil Cr.—Valley	1	320	8.0	....	......	......
Alpine Cr.—Warm Spring Cr.—Fergus	2	260	6.5	....	......	......
Alpine Cr.—Little Blackfoot R.—Powell	2	500	12.5	....	......	......
Alpine Lake Sanders		See Prospect Creek.				
Als Cr.—Cow Cr.—Blaine	2	280	7.0	....	......	......
Alta Gulch—Prickly Pear Cr.—Jefferson	4	1,060	26.5	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Altoona Lake—D. Lodge Basin Cr.—Granite	1	240	6.0	....	......	......
Alturas Cr.—Rattlesnake Cr.—Beaverhead..	4	2,760	69.0	....	......	......
Alum Coulee—Dry Lake—Toole	4	1,480	37.0	....	......	......
American Cr.—Dog Cr.—Lewis & Clark.....	14	3,250	81.3	....	......	......
*American Fork—Musselshell R.—Meagher. Sweetgrass	39	25,755§	643.9	42	11.392	284.8
N. F. American Fork—A. Fork—Meagher..	See American Fork.					
S. F. American Fork—A. Fork—Sweetgrass	4	2,020	50.5	....	......	......
American Gulch—German Gulch—D. Lodge	2	†100	2.5	....	......	......
American Gulch—Silver Bow Cr.—D. Lodge	3	all	......	....	......	......
American Gulch—Nevada Cr.—Powell	2	†75	1.9	....	......	......
American Gulch Cr.—Big Hole R.—S. Bow..	5	2,630	65.8	....	......	......
Aman Coulee—Blackleaf Cr.—Teton	1	100	2.5	....	......	......
Amazon Cr.—Prickly Pear Co.—Jefferson ..	4	†120	3.0	....	......	......
Ambrose Cr.—Three Mile Cr.—Ravalli	8	2,320	58.0	....	......	......
Ames Cr.—Grasshopper Cr.—Beaverhead....	1	100	2.5	1	160	4.0
Ames Cr.—Seven Mile Cr.—Lewis & Clark..	1	all	......	....	......	......
Anaconda Gulch—Rock Cr.—Granite	1	240	6.0	....	......	......
Ancenry Cr.—W. Gallatin R.—Gallatin.......	1	all	......	....	......	......
Anderson Coulee—Peoples Cr.—Blaine......	2	140	3.5	....	......	......
Anderson Coulee—Big Otter Cr.—Cascade—18 N.	1	100	2.5	,....	......	......
Anderson Coulee—Big Otter Cr.—Cascade—17 N.	1	200	5.0	....	......	......
Anderson Coulee—Missouri R.—Cascade	1	50	1.2	....	......	......
Anderson's Coulee—Sun R.—Cascade	2	650	16.2	....	......	......
Anderson Coulee—McDonald Cr.—Fergus ..	1	360	9.0	....	......	......
Anderson Coulee—Musselshell R.—Rosebud.	1	100	2.5	....	......	......
Anderson Coulee—Deep Cr.—Teton	1	200	5.0	....	......	......
Anderson Coulee—Muddy Cr.—Teton	2	†160	4.0	....	......	......
Anderson Coulee—Snake Coulee—Teton	1	500	12.5	....	......	......
Anderson Cr.—Peoples Cr.—Blaine	See Anderson Coulee.					
Anderson Cr.—Willow Cr.—Deer Lodge.....	1	100	2.5	....	......	......
Anderson Cr.—Yellowstone R.—Sweetgrass.	1	300	7.5	....	......	......
Anderson Draw or Gulch—L. Beaver Cr.—Fallon	2	700	17.5	....	......	......
Anderson Fk. Cow Cr.—Cow Cr.—Blaine.....	See Cow Creek.					
Anderson Gulch—Prickly Pear Cr.—Jefferson	9	950	23.8	F 1	150	3.7
Anderson Lake—Blackleaf Cr.—Teton	1	100	2.5	....	......	......
Andreas Coulee—Red R.—Teton.............	1	800	20.0	....	......	......
Andrews Cr.—Fish Cr.—Sweetgrass	4	960	24.0	1	68	1.7
Anee's Creek—Lowland Cr.—Jefferson	2	200	5.0	....	......	......
Angelies Cr.—Rock Cr.—Granite	3	700	17.5	....	......	......
Angle T. Cr. Dawson	1	320	8.0	....	......	......
Anna Morton Cr.—Oregon Gulch—Missoula..	2	†1,000	25.0	....	......	......
Annie Creek Valley	2	†3,000	75.0	....	......	......
Annimon Cr.—W. Gallatin R.—Gallatin......	1	300	7.5	....	......	......
Annis Cr.—Little Powder R.—Custer	1	100	2.5	....	......	......
Anchor's Lake—Birch Cr.—Beaverhead	See Birch Creek.					
Ant Cr.—Fortine Cr.—Lincoln	1	120	3.0	....	......	......
Antelope Basin—Buffalo Cr.—Yellowstone..	See Antelope Creek.					
Antelope Coulee—Woodpile Coulee—Blaine..	2	†7,200	180.0	....	......	......
Antelope Coulee Cr.—Sand Coul Cr.—Cascade	7	1,360§	34.0	....	......	......
Antelope Coulee—Pondera Coulee—Chouteau	1	200	5.0	....	......	......
Antelope Coulee—Teton R.—Chouteau	3	10,200	255.0	....	......	......
Antelope Coulee—Flat Cr.—Dawson	1	400	10.0	....	......	......
Antelope Coulee—Judith R.—Fergus	1	300	7.5	....	......	......
Antelope Coulee—Horse Cr.—Hill	2	1,200	30.0	....	......	......
Antelope Coulee—Sage Cr.—Hill	1	400	10.0	....	......	......
Antelope Coulee—Teton R.—Teton	1	640	16.0	....	......	.....
Antelope Coulee—Milk R.—Valley	1	20,000	500.0	....	......	......
Antelope Cr.—Red Rock R.—Beaverhead..	1	260	6.5	....	......	......
Antelope Cr.—Beaver Cr.—Broadwater	10	615§	15.4	3	960	24.0
Antelope Cr.— Carbon	1	500	12.5	....	......	......
E. F. Antelope Cr.—Antelope Cr.—Carbon..	1	150	3.8	....	......	......
Antelope Cr.—Missouri R.—Cascade	10	3,475§	86.8	....	......	......
Antelope Cr.—Little Powder R.—Custer	2	1,300	32.5	....	......	......

F—Federal decree.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Antelope Cr.—Yellowstone R.—Dawson	1	300	7.5	....	......	......
Antelope Cr.—O'Fallon Cr.—Fallon	3	1,600	40.0	....	......	......
Antelope Cr.—Little Missouri R.—Fallon	2	800	20.0	....	......	......
Antelope Cr.—Crooked Cr.—Fergus	1	160§	4.0	....	......	......
Antelope Cr.—Flatwillow Cr.—Fergus	1	100	2.5	....	......	......
Antelope Cr.—Judith R.—Fergus	25	4,410	110.2	....	......	......
E. F. Antelope Cr.—Antelope Cr.—Fergus	1	100	2.5	....	......	......
N. F. Antelope Cr.—Antelope Cr.—Fergus	1	120	3.0	....	......	......
S. F. Trib. Antelope Cr.—Judith R.—Fergus.		See Antelope Creek.				
W. F. Antelope Cr.—Antelope Cr.—Fergus	3	550	13.8	....	......	......
Antelope Cr.—Wolf Cr.—Fergus	2	800	20.0	....	......	......
Antelope Cr.—Hell Gate R.—Granite	11	†1,050§	26.2	....	......	......
Antelope Cr.—Rock Cr.—Granite	6	600§	15.0	....	......	......
S. F. Antelope Cr.—Antelope Cr.—Granite	1	50	1.2	....	......	......
Antelope Cr.—Missouri R.—Lewis & Clark	4	850	21.2	....	......	......
Antelope Cr.—Prickly Pear Cr.—Lewis & C.	2	†75	1.9	....	......	......
Antelope Cr.—Cliff Lake—Madison	3	§1,400	35.0	....	......	......
Antelope Cr.—Jefferson R.—Madison	13	§3,010	75.2	....	......	......
Antelope Cr.—Musselshell R.—Meagher	1	300	7.5	....	......	......
Antelope Cr.—Rock Cr.—Meagher	7	1,050	26.2	....	......	......
Antelope Cr.—Roberts Cr.—Meagher	5	980	24.5	....	......	......
Antelope Cr.—Barton Cr.—Park	2	555	13.9	....	......	......
Antelope Cr.—Duck Cr.—Park	2	250	6.2	....	......	......
Antelope Cr.—Smith Cr.—Park	1	100	2.5	5	605	15.1
Antelope Cr.—Yellowstone R.—Park	1	160	4.0	....	......	......
Antelope Cr.—Yellowstone R.—Rosebud	1	all	......	....	......	......
N. Antelope Cr.—Yellowstone R.—Rosebud	1	1,500	37.5	....	......	......
S. Antelope Cr.—Yellowstone R.—Rosebud	1	1,000	25.0	....	......	......
Antelope Cr.—Big Muddy Cr.—Sheridan	4	1,680	42.0	....	......	......
Antelope Cr.—Missouri R.—Sheridan	1	200	5.0	....	......	......
Antelope Cr.—Fish Cr.—Sweetgrass	2	600	15.0	....	......	......
S. F. Antelope Cr.—Antelope Cr.—Sweetgrass	1	80	2.0	....	......	......
W. F. Antelope Cr.—Antelope Cr.—Sweetgrass		See Antelope Creek.				
Antelope Cr.—Prather Cr.—Sweetgrass	5	2,900	72.5	....	......	......
Antelope Cr.—E. Rosebud Cr.—Stillwater	1	100	2.5	....	......	......
Antelope Cr.—Pondera Coulee—Teton		See Pondera Coulee.				
Antelope Cr.—Alkali Cr.—Valley	1	2,000	50.0	....	......	......
Antelope Cr.—Milk R.—Valley	7	82,080	2,052.0	....	......	......
N. F. Antelope Cr.—Antelope Cr.—Valley	1	1,300	32.5	....	......	......
Sputh F. Antelope Cr.—Antelope Cr.—Valley	1	240	6.0	....	......	......
Antelope Cr.—Buffalo Cr.—Yellowstone	1	160	4.0	....	......	......
E. F. Antelope Cr.—Antelope Cr.—Madison		See Antelope Creek.				
S. F. Antelope Cr.—Antelope Cr.—Madison						
W. F. Antelope Cr.—Antelope Cr—Madison						
Antelope Gulch—Jefferson R—Madison		See Antelope Creek.				
Antelope Gulch—Ruby R.—Madison	1	20	0.5	....	......	......
Antelope, Gulch—Rattlesnake Cr.—Rosebud.	1	100	2.5	....	......	......
Antelope Butte Cr.—Duck Cr.—Park		See Antelope Creek.				
Antelope Spring Coulee—Birch Cr.—Chouteau	1	all	......	....	......	......
Antelope Flat—Teton R.—Chouteau		See Antelope Coulee.				
Antilope Coulee—Willow Cr.—Toole	1	300	7.5	....	......	......
Ape Cr. Custer	1	400	10.0	....	......	......
Appelsisny Cr.—Swift Current Cr.—Teton	1	1,000	25.0	....	......	......
Arastra Cr.—Warm Springs Cr.—Deer Lodge		See Storm Lake Creek.				
Arastra Cr. Gallatin	1	all	......	....	......	......
Arastra Gulch—Oro Fino Gulch—Lewis & C.		See Keene's Gulch.				
Arastra Cr. Madison	1	1,000	25.0	....	......	......
Arastra Cr.—Big Blackfoot—Powell	8	3,785	94.6	....	......	......
Arastra Gulch— Madison	3	3,600	90.0	....	......	......
Arbuckle Cr.—Willow Cr.—Granite	1	25	0.6	....	......	......
Archdale Cr.—Powder R.—Custer	1	1,000	25.0	....	......	......
Arckwright Coulee—Mussellshell R.—M'shell	1	200	5.0	....	......	......
Arkansas Cr.—Ashly Cr.—Missoula	2	700	17.5	3	120	3.0
Armell's Cr.—Missouri R.—Fergus	28	7,320§	183.0	....	......	......
N. F. Armell's Cr.—Armell's Cr.—Fergus		See Armell's Creek.				
Big Armell's Cr.—Armell's Cr.—Fergus		See Armell's Creek.				
W. F. Armell's Cr.—Armell's Cr.—Fergus	6	720	18.0	....	......	......
E. F. Armell's Cr.—Armell's Cr.—Fergus	6	1,685	42.1	....	......	......

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
S. F. Armell's Cr.—Armell's Cr.—Fergus	4	600	15.0	....	......	......
Dry F. Armell's Cr.—Armell's Cr.—Fergus	1	200	5.0	....	......	......
Armell's Cr.—Yellowstone R.—Rosebud	17	6,940	173.5	....	......	......
E. F. Armell's Cr.—Armell's Cr.—Rosebud	8	2,360	59.0	....	......	......
W. F. Armell's Cr.—Armell's Cr.—Rosebud	6	2,000	50.0	....	......	......
Armstrong Coulee—Beaver Cr.—Valley	2	800	20.0	....	......	......
Arndt Cr. Custer	1	200	5.0	....	......	......
Arnoux Cr.— —Teton	1	200	5.0	....	......	......
Arnst Coulee— —Hill	1	320	8.0	....	......	......
Arrastra Cr.—Warm Springs Cr.—D. Lodge		See Storm Lake Creek.				
Arrastra Cr.—Big Blackfoot R.—L. & Clark		See Eight Mile Creek.				
Arrastra Cr.— —Park	1	400	10.0	....	......	......
Arrow Cr.—Missouri R.— Fergus Chouteau Cascade	72	19,325§	483.1	....	......	......
Dry F. Arrow Cr.—Arrow Cr.—Cascade and Fergus	13	1,900§	47.5	....	......	......
S. F. Arrow Cr.—Arrow Cr.—Cascade	7	850	21.2	....	......	......
Middle Br. Arrow Cr.—Arrow Cr.—Cascade		See Byrnes Creek.				
N. Br. Arrow Cr.—Arrow Cr.—Cascade		See Arrow Creek.				
N. F. of S. F. Arrow Cr.—Arrow Cr.—Cascade		See S. F. Arrow Creek.				
Arrow Cr.—Yellowstone R.—Yellowstone	11	2,805	70.1	....	......	......
Arrowhead Cr.—Red Rock—Beaverhead	1	20	0.5	....	......	......
Ashbaugh Cr.—Blacktail D. Cr.—Beaverhead	1	100	2.5	....	......	......
Ashby Cr.—Union Cr.—Missoula	1	300	7.5	....	......	......
Ash Coulee—Cottonwood Cr.—Custer	1	500	12.5	....	......	......
Ash Coulee—Little Muddy Cr.—Sheridan	2	600	15.0	....	......	......
Ash Coulee—Sheep Cr.—Sheridan	1	200	5.0	....	......	......
Ash Coulee—Eagle Nest Coulee—Valley	1	600	15.0	....	......	......
Ash Coulee—Frenchman Cr.—Valley	2	440	11.0	....	......	......
Ash Coulee—Milk R.—Valley	3	82,200	2,055.0	....	......	......
W. F. Ash Coulee—Ash Coulee—Valley	1	400	10.0	....	......	......
Ash Cr.—Big Pilgrim Cr.—Custer	1	1,500	37.5	....	......	......
Ash Cr.—Cabin Cr.—Custer	3	1,900	47.5	....	......	......
Ash Cr.—Red Water Cr.—Dawson	3	12,400	310.0	....	......	......
N. Ash Cr.—Ash Cr.—Dawson	1	1,500	37.5	....	......	......
Ash Cr.—Lame Jones Cr.—Fallon	2	400	10.0	....	......	......
Ash Cr.—Mizpah Cr.—Custer	2	700	17.5	....	......	......
Ash Cr.—O'Fallon Cr.—(T5N) Fallon-Custer	1	500	12.5	....	......	......
Ash Cr.—O'Fallon Cr.—(T7N) Custer-Fallon	1	1,000	25.0	....	......	......
Ash Cr.—Otter Cr.—Custer	2	800	20.0	....	......	......
Ash Cr.—Powder R.—Custer	4	2,200	55.0	....	......	......
W. Prong Ash Cr.—Ash Cr.—Custer	1	500	12.5	....	......	......
Ash Cr.—Tongue R.—Custer	7	42,000	1,050.0	....	......	......
S. F. Ash Cr.—Ash Cr.—Custer	1	1,000	25.0	....	......	......
Ash Cr.—Yellowstone R.—Custer	1	1,000	25.0	....	......	......
Ash Cr.—Little Missouri—Fallon	1	500	12.5	....	......	......
Ash Cr.—Missoula R.—Mineral	1	50	1.2	....	......	......
Ash Cr.—Flathead Cr.—Park	2	280	7.0	2	220	5.5
S. F. Ash Cr.—Ash Cr.—Park	1	80	2.0	....	......	......
Ash Cr.—E. F. Armells Cr.—Rosebud	1	500	12.5	....	......	......
Ash Cr.—Big Porcupine Cr.—Rosebud	1	1,000	25.0	....	......	......
Ash Cr.—Big Muddy Cr.—Sheridan	1	23,040	576.0	....	......	......
Ash Draw—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Ash Draw—Tie Cr.—Fallon	1	500	12.5	....	......	......
Ashly Cr.—Flathead R.—Flathead	33	†37,780§	944.5	....	......	......
W. Br. Ashly Cr.—Ashly Cr.—Flathead	1	500	12.5	....	......	......
*Ashley Cr.—Post Cr.—Missoula	3	40,120	1,003.0	....	......	......
Ashley Cr.—Clark F. Columbia R.—Sanders	10	†1,915 §	47.9	....	......	......
Ashley Lake—Ashley Cr.—Flathead		See Ashley Creek.				
Aspan Cr.—Box Elder Cr.—Fallon	1	200	5.0	....	......	......
Aspole Cr. Madison	1	†	......	....	......	......
Assinniboine Cr.—Milk R.—Blaine	7	7,120	178.0	....	......	......
Atherton Gulch—S. F. McDonald Cr.—Fergus	1	500	12.5	....	......	......
Atlanta Cr.—Camas Cr.—Meagher	3	†280	7.0	....	......	......
Ators Cr.—Spring Cr.—Sheridan	2	480	12.0	....	......	......
Auburn Hollow—Yellowstone R.—Yellow'ne.	1	80	2.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Auchard Cr.—Dearborn R.—Lewis & Clark	11	1,560	39.0	....	......	......
Amalong Cr.—Big Timber—Sweetgrass	3	570	14.2	7	700	17.5
Aurora Cr.—N. Meadow Cr.—Madison	1	200	5.0	....	......	......
Austard Coulee—Teton R.—Teton	1	320	8.0	....	......	......
Austin Coulee—Martin Coulee—Valley	1	500	12.5	....	......	......
Austin Cr.—Missouri R.—Cascade	1	all	......	....	......	......
Austin Cr.—Yellowstone—Stillwater	1	100	2.5	....	......	......
Austin Gulch—Seven Mile Cr.—Lewis & C.	5	†636§	15.9	....	......	......
Australia Gulch Madison	1	40	1.0	....	......	......
Avaca Cr.—Lone Tree Cr.—Cascade Lewis & C.	7	†900§	22.5	....	......	......
Avalanche Gulch—Missouri R....Broadwater	14	5,700	142.5	1	125	3.1
Aveil Ravine—Black Coulee—Blaine	2	800	20.0	....	......	......
Averils Dam—Yellowstone R.—Park	1	300	7.5	....	......	......
Avery Cr.—Trail Cr.—Toole	1	100	2.5	....	......	......
Avoca Cr. or Avova Cr.—Cascade		See Avaca Creek.				
Ayers Cr.—Camas Cr.—Broadwater	7	975	24.4	....	......	......
Aylward Coulee—Marias R.—Toole	1	400	10.0	....	......	......
B						
Bad Route Cr.—Yellowstone R.—Dawson	3	7,048	176.2	....	......	......
Babbit Gulch—E. F. Bitterroot R.—Ravalli	1	75	1.9	....	......	......
Babcock Cr.—Little Missouri R.—Fallon	1	1,000	25.0	....	......	......
Babcock Cr.—Spring Cr.—Granite	1	160	4.0	....	......	......
Baboon Gulch—Dempsey Cr.—Powell	1	400	10.0	....	......	......
Bachelor Cr.—Alder Gulch—Madison	12	†860	21.5	....	......	......
Backtrom Coulee—Black Coulee—Hill	1	400	10.0	....	......	......
Bacon Coulee—Benton Lake—Cascade	1	100	2.5	....	......	......
Bad Canyon Cr.—Stillwater R.—Stillwater	3	240§	6.0	....	......	......
Badge Coulee—Miner Coulee—Toole	1	160	4.0	....	......	......
Badger Coulee—Red Rock Coulee—Blaine	1	500	12.5	....	......	......
Badger Coulee—Cottonwood Cr.—Hill	3	760	19.0	....	......	......
Badger Coulee—Dry Lake—Toole	1	280	7.0	....	......	......
Badger Cr.—Tongue R.—Big Horn	2	1,126	28.1	....	......	......
Badger Cr.—Shonkin Cr.—Chouteau	1	80	2.0	....	......	......
Badger Cr.—Little Powder R.—Custer	1	480	12.0	....	......	......
Badger Cr.—Moose Cr.—Deer Lodge	3	†150	3.8	....	......	......
Badger Cr.—Armell Cr.—Fergus	1	100	2.5	....	......	......
Badger Cr.—Hot Springs Cr.—Jefferson	2	120	3.0	....	......	......
Badger Cr.—Battle Cr.—Meagher	1	80	2.0	....	......	......
Badger Cr.—S. F. Musselshell R.—Meagher	1	80	2.0	....	......	......
Badger Cr. Sweetgrass	1	200	5.0	....	......	......
*Badger Cr.—Birch Cr.—Teton	9	2,880a	72.0	....	......	......
Badger Lake—Red R.—Teton	1	1,200	30.0	....	......	......
Badger Spring Cr.—Sheep Cr.—Madison	2	175	4.4	....	......	......
Bad Land Coulee—Parallel Cr.—Blaine	2	700	17.5	....	......	......
Bad Land Coulee Dawson	1	1,080	27.0	....	......	......
Bad Land Coulee—Milk R.—Hill	1	250	6.2	....	......	......
Bad Land Coulee—Redwater Cr.—Richland	2	4,080	102.0	....	......	......
Bad Land Coulee—Missouri R.—Richland—(R. 48 E.)	3	3,240	81.0	....	......	......
Bad Land Coulee—Missouri R.—Richland—(R. 59 E.)	1	2,000	50.0	....	......	......
Bad Land Coulee—Cash Cr.—Valley	1	160	4.0	....	......	......
Bad Land Coulee—Willow Cr.—Valley	1	664	16.6	....	......	......
Bad Land Cr.—Powder R.—Custer	1	1,000	25.0	....	......	......
Bad Land Cr.—Box Elder Cr.—Fallon	1	2,000	50.0	....	......	......
Bad Land Cr.—Little Beaver Cr.—Fallon	1	500	12.5	....	......	......
Bad Land Cr.—Armell's Cr.—Fergus	1	320	8.0	....	......	......
Bad Land Cr.—Big Muddy Cr.—Sheridan	1	1,000	25.0	....	......	......
Bad Luck Cr.—Moose Cr.—Madison	1	500	12.5	....	......	....
Bad Rock Cr.—Bad Route Cr.—Dawson	3	1,700	42.5	....	......	......
Baggs Cr.—Cottonwood Cr.—Powell	3	940	23.5	3	210	5.2
Bailey Coulee—Bean Cr.—Blaine	2	†200	5.0	....	......	......
Bailey Cr.—Blacktail Deer Cr.—Beaverhead	1	500	12.5	....	......	....
Bailey Cr.—W. F. Bitterroot R.—Ravalli	1	2,000	50.0	....	......	......
Bailey Cr.—Duck Cr.—Sweetgrass	1	400	10.0	2	900	22.5

a—Add 12,512 acre-feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
		Amount in			Amount in	
	No.	Inches	Sec. Ft.	No.	Inches	Sec. Ft.
Bailey Lake—Portage Coulee—Cascade	1	20,000	500.0	....	......	......
Bain Cr. Jefferson	1	1,000	25.0	....	......	....
Bain Cr.—Smith R.—Park	1	160	4.0	....	......	......
Baker's Brook—Hell Gate R.—Missoula	1	126	3.2	....	......	......
Baker Cr.—Powder R.—Custer	1	640	16.0	....	......	.....
Baker Creek—Little Beaver Cr.—Fallon ...	1	300	7.5	....	......	......
Baker Cr.—Little Bitterroot R.—Flathead.	1	150	3.8	....	......	......
Baker Cr.—E. Gallatin R.—Gallatin........	2	100	2.5	6	728	18.2
Baker Cr.—Sixteen Mile Cr.—Gallatin	1	25	0.6	2	125	3.1
W. H. Baker Cr.—W. F. Bitterroot R.—Ravalli	2	240	6.0	....	......	....
Baker Cr.—Gold Cr.—Ravalli	2	450	11.2	....	......	....
Baker Cr.—Clark F. Columbia R.—Sanders	2	244	6.1	....	......	.....
Baker's Draw—Boulder R.—Sweetgrass	1	50	1.2	....	......	......
Baker Gulch—Big Hole R.—Madison	1	300	7.5	....	......	......
Baking Powder Cr.—Powder R.—Custer	3	†3,500	87.5	....	......	......
Stevens Br. B. Powder Cr.—B. P. Cr.—Custer	1	400	10.0	....	......	......
N. W. F. B. Pow. Cr—B. Pow. Cr.—Custer..	1	200	5.0	....	......	......
Baldwin Coulee—Red River—Teton	2	2,000	50.0	....	......	......
Bald Eagle Cr.—Missoula R.—Missoula	1	5	0.1	....	......	......
Bald Hill Cr.—Yellowstone R.—Yellowstone..	1	400	10.0	....	......	......
Baldy Cr.—Dry Wolf Cr.—Fergus	2	1,300	32.5	....	......	......
S. F. Baldy Cr.—Baldy Cr.—Fergus	2	600	15.0	....	......	......
Baldy Gulch Cr.—Hell Gate R.—Granite....	1	500	12.5	....	......	......
Balin Gaylord Cr. Park	1	150	3.8	....	......	......
Ballarat Cr.—Three Mile Cr.—Powell	4	550	13.8	3	175	4.4
Ballarat Tunnel Cr.—Fish Cr.—Silver Bow..	3	†500	12.5	....	......	......
Ballard Cr.—Nine Mile Cr.—Missoula	2	1,500	37.5	....	......	......
Ball Canyon Cr.—Bison Cr.—Jefferson	1	50	1.2	....	......	......
Ballerat Strm.—Missouri R.—Lewis & Clark	3	700	17.5	....	......	......
Ballinger Cr.—Powers Cr.—Carbon		See Stoltz Creek.				
Ball Spring Cr.—Sheep Cr.—Madison	2	150	3.8	....	......	......
Balsemer Cr.—Fisher Cr.—Lincoln	1	160	4.0	....	......	......
Balsinger Cr.—Tenderfoot Cr.—Meagher....	1	1,000	25.0	....	......	......
Bangor Cr. Chouteau	1	100	2.5	....	......	......
Bangor Cr.—Nine Mile Cr.—Missoula	2	2,008	50.2	....	......	......
Bank Cr.—Powder R.—Custer	1	500	12.5	....	......	......
Banking Cr.—N. F. Flathead R.—Flathead..	1	50,000	1,250.0	....	......	......
Bank Cr.—Little Missouri—Fallon	2	1,120	28.0	....	......	......
Bang Tail Cr.—N. F. Smith R.—Meagher....	1	160	4.0	....	......	......
Bang Tail Cr.—Shields R.—Park	16	3,460	86.5	22	2,005	50.1
Bannack Cr.—Grasshopper Cr.—Beaverhead.	1	120	3.0	....	......	......
Banner Cr. Lewis & Clark		See Benner Creek.				
Banner Cr.—Trail Cr.—Toole	1	200	5.0	....	......	......
Bantail Cr.—Shields R.—Gallatin		See Bangtail Creek.				
Baptiste Cr.—Willow Cr.—Toole	1	200	5.0	....	......	......
Bar "M" Coulee—Missouri R.—Sheridan	4	8,176	204.4	....	......	......
Barber Cr.—Shot Gun Cr.—Sheridan	1	200	5.0	....	......	......
Barber Gulch—Swan R.—Missoula	1	500	12.5	....	......	......
Barbour Spring Gulch—Birch Cr.—B'verhead	1	50	1.2	....	......	......
Bard Cr.—Judith R.—Fergus	1	1,500	37.5	....	......	......
Barham Gulch—Young's Cr.—Rosebud	1	100	2.5	....	......	......
Barker Cr.—Warm Springs Cr.—Deer Lodge	8	17,500	437.5	....	......	......
W. F. Barker Cr.—Barker Cr.—Deer Lodge	2	3,500	87.5	....	......	......
E. F. Barker Cr.—Barker Cr.—Deer Lodge...	1	2,000	50.0	....	......	......
R. & L. Br. Barker Cr.—Barker Cr.—D. Lodge		See Barker Creek.				
Barlett Coulee—Big Sandy Cr.—Chouteau....	1	400	10.0	....	......	......
Barlow Cr.—Red Lodge Cr.—Carbon........	2	360	9.0	....	......	......
Barnes Coulee—Timber Coulee—Chouteau...	1	400	10.0	....	......	......
Barnes Coulee—Wolf Cr.—Fergus	1	100	2.5	....	......	......
Barnes Coulee—N. Miners Coulee—Toole....	1	200	5.0	....	......	......
Barnes Cr.—Flint Cr.—Granite..............	4	625	15.6	1	all	......
Barnes Lake Coulee—Black Coulee—Blaine..	1	200	5.0	....	......	......
Barnaby Cr.—Bitterroot R.—Missoula.......	1	144	3.6	3	178	4.4
Barnaby Cr.—Finley Cr.—Missoula	3	4,010	100.2	....	......	......
Barnard Coulee—Powder R.—Custer	1	500	12.5	....	......	......
Barney Cr.—Ross Fork—Fergus	1	300	7.5	....	......	......
Barney Cr.—Yellowstone R.—Park..........	1	160	4.0	....	......	......
Baronette Gulch Cr.— Gallatin	1	60	1.5	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Bar Ranch Coulee— Custer	1	200	5.0	....	......	......
Barr Coulee—Pondera Coulee—Teton........	1	800	20.0	....	......	......
Barr Coulee—Cow Cr.—Valley.............	1	†	......	....	......	......
*Barr Cr.—N. F. Willow Cr.—Lewis & Clark	7	1,330	33.2	....	......	......
W. F. Barr Cr.— Lewis & Clark		See Willow Creek.				
Barrett Cr.—Horse Prairie Cr.—Beaverhead	9	3,170	79.2	6	274	6.8
Barrett Cr.—Greeley Cr.—Park	2	160	4.0	....	......	......
Barret Cr.—Dry Cr.—Teton	2	160	4.0	....	......	......
Barret Gulch—McClelland Gulch—Powell....	2	†all	......	....	......	......
Barron Cr.—Kootenai R.—Lincoln	2	400	10.0	....	......	......
Barrows Cr.—Red Bluff Cr.—Fergus	3	600	15.0	....	......	......
Barry Cr.—Yellowstone R.—Yellowstone....	1	160	4.0	....	......	......
Bartells Cr.—Flathead R.—Flathead	1	2,000	50.0	....	......	......
Barton Coulee—Little Cottonwood—Blaine..	1	800	20.0	....	......	......
Barton Cr.—Shields R.—Park...............	2	200	5.0	....	......	......
Barton Gulch—Ruby R.—Madison..........	6	†225	5.6	....	......	......
Bash Cr.—Sweathouse Cr.—Ravalli		See Gash Creek.				
Basin Coulee—Marias R.—. Hill Chouteau	8	3,140	78.5	....	......	......
Basin Coulee—Musselshell R.—Musselshell..		See Holman Coulee.				
Basin Coulee—Musselshell R.—Rosebud.....	2	20,300	507.5	....	......	......
Basin Coulee—Muddy Cr.—Teton...........	2	2,160	54.0	....	......	......
Basin Coulee—Willow Cr.—Toole	1	600	15.0	....	......	......
Basin Coulee—Assiniboine Cr.—Valley......	1	200	5.0	....	......	......
Basin Cr.—Rattlesnake Cr.—Beaverhead....	4	1,280	32.0	....	......	......
Basin Cr.—Red Rock R.—Beaverhead	3	920	23.0	....	......	......
Basin Cr.—Sage Cr.—Beaverhead	8	8,800	220.0	1	150	3.7
Basin Cr.—Clear Cr.—Blaine	4	360	9.0	....	......	......
Basin Cr.— Cascade	1	200	5.0	....	......	......
Basin Cr.—Powder R., T. 3 N.—Custer......	1	2,000	50.0	....	......	......
Basin Cr.—Powder R., T. 7 S.—Custer	1	1,000	25.0	....	......	......
Basin Cr.—Willow Cr.—Custer	1	1,000	25.0	....	......	......
Basin Cr.—Ross Fork—Fergus	2	310	7.8	....	......	......
Basin Cr.—Sage Cr.—Fergus	2	350	8.8	....	......	......
Basin Cr.—Big R.—Flathead	1	48,000	1200.0	....	......	......
Basin Cr.—Shields R.—Gallatin	5	1,100	27.5	....	......	......
Basin Cr.—Rock Cr.—Granite	4	430	10.8	....	......	......
S. F. Basin Cr.—Basin Cr.—Granite	1	40	1.0	....	......	......
Basin Cr.—Boulder R.—Jefferson	44	†33,252§	831.3	....	......	......
Upper Basin Cr.—Basin Cr.—Jefferson	2	450	11.2	....	......	......
E. F. Basin Cr.—Basin Cr.—Jefferson	1	50	1.2	....	......	......
S. F. Basin Cr.—Basin Cr.—Jefferson	1	1,000	25.0	....	......	......
Basin Cr.—Ruby R.—Madison	1	600	15.0	....	......	......
Basin Cr.—American Fork—Meagher		See Lebo Creek.				
Basin Cr.—Smith Cr.—Park	3	440	11.0	1	70	1.7
Basin Cr.—Boulder Cr.—Park-Sweetgrass ..	6	2,750	68.8	....	......	......
Basin Cr.—Big Blackfoot—Powell	3	†550	13.8	....	......	......
Basin Cr.—Pikes Peak Cr.—Powell	1	all	......	....	......	......
Basin Cr.—Blacktail Deer Cr.—Silver Bow..	31	4,865	121.6	....	......	......
Basin Cr.—Sweetgrass Cr.—Sweetgrass	1	400	10.0	....	......	......
Basin Cr.—Cedar Cr.—Yellowstone	1	200	5.0	....	......	......
Basin Gulch—Rock Cr.—Granite		See Basin Creek.				
Basin Gulch—Snow Shoe Cr.—Powell.......	9	†1,550	38.8	....	......	......
Basin Gulch—Blacktail Cr.—Silver Bow.....		See Basin Creek.				
Basin Canyon Cr.—Boulder R.—Jefferson...		See Basin Creek.				
Basin Hill Cr.—Whitetail Deer Cr.—Jefferson	1	all	......	....	......	......
Basin Lake—Locke Cr.—Park	2	320	8.0	....	......	......
Basin Spr. Coulee—Pondera Coulee—Teton..	1	160	4.0	....	......	......
Basin Stage Station Canyon—Basin Cr.—Jefferson.	1	all	......	....	......	......
W. F. Bason Gulch—Big Blackfoot—Powell..		See Basin Creek.				
Bass Cr.—Sage Cr.—Carbon	1	150	3.8	....	......	......
Bass Cr.—Bitterroot R.—Ravalli	20	9,527	238.9	41	3,502	87.5
N. F. Bass Cr.—Bass Cr.—Ravalli..........	1	200	5.0	....	......	......
S. Br. Bass Cr.—Bass Cr.—Ravalli..........	1	160	4.0	....	......	......
Basses Cr.—Bitterroot R.—Ravalli..........		See Bass Creek.				
Bassett Creek—Yellowstone R.—Park	4	964	24.1	....	......	......
S. F. Bassett Cr.—Bassett Cr.—Park	1	144	3.6	....	......	......
Batchelder Gulch—Alder Gulch—Madison...		See Bachelor Creek.				
Batchelor Gulch—Alder Gulch—Madison.....		See Bachelor Creek.				

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Bates Cr. .... Park	....	......	......	2	225	5.6
Bateman Cr.—Crow Cr.—Custer	1	1,000	25.0	....	......	......
Bateman Cr.—Hell Gate R.—Granite	3	2,250	56.2	....	......	......
Bath House Cr.—Flint Cr.—Granite	1	40	1.0	....	......	......
Batie Cr.—Yellowstone R.—Park.		See Beatty Creek.				
Battle Cr.—N. F. Milk R.—Blaine	1	40	1.0	....	......	......
Battle Cr.—Sixteen Mile Cr.—Meagher	16	†2,670§	66.8	....	......	......
N. F. Battle Cr.—Battle Cr.—Meagher	2	160	4.0	....	......	......
W. F. Battle Cr.—Battle Cr.—Meagher		See Battle Creek.				
Battle Cr.—Deep Cr.—Teton	4	700	17.5	....	......	......
Battle Mountain Cr.—Battle Cr.—Meagher	2	300	7.5	....	......	......
Battolfs Coulee—Milk R.—Blaine	1	10	0.2	....	......	......
Bauman Cr. .... Park	1	100	2.5	....	......	......
Baylen Coulee—Eagle Cr.—Chouteau	1	all	......	....	......	......
Bayson Gulch—Big Blackfoot—Powell		See Basin Creek.				
Baxter Cr.—Blacktail Cr.—Silver Bow	2	350	8.8	....	......	......
N. F. Baxter Cr.—Baxter Cr.—Silver Bow	1	100	2.5	....	......	......
Bay Horse Cr.—Powder R.—Custer	6	a 13,500	337.5	....	......	......
Bay Horse Cr.—Squaw Cr.—Custer	2	5,800	145.0	....	......	......
Beach Cannon—Ruby R.—Madison		See Beach Creek.				
Beach Cr.—Red Rock—Beaverhead	1	120	3.0	....	......	......
Beach Cr.—Ruby R.—Madison	2	100	2.5	....	......	......
Beach Cr.—Yellowstone—Park	1	10,000	250.0	....	......	......
Beaches Coulee—Missouri R.—Blaine	1	200	5.0	....	......	......
Beachmin Cr.—Post Cr.—Missoula		See Beauchmin Creek.				
Beahean Coulee—Dry F. Marias R.—Teton	4	900	22.5	....	......	......
Beall Cr.—Spring Cr.—Madison	11	19,853	496.3	7	320	8.0
Beam Cr.—Milk R.—Hill	1	400	10.0	....	......	......
Bean Cr.—Red Rock Cr.—Beaverhead	5	1,940	48.5	....	......	......
Bean Cr.—Snake Cr.—Blaine	41	24,322	608.0	....	......	......
E. F. Bean Cr.—Bean Cr.—Blaine	2	100	2.5	....	......	......
E. Br. E. F. Bean Cr.—E. F. Bean Cr.—Blaine	1	50	1.2	....	......	......
S F. Bean Cr.—Bean Cr.—Blaine	1	†	......	....	......	......
W. F. Bean Cr.—Bean Cr.—Blaine	4	550	13.8	....	......	......
S. W. Br. Bean Cr.—Bean Cr.—Blaine	1	50	1.2	....	......	......
Bear Canyon—Beaverhead R.—Madison		See Bear Canyon Creek.				
Bear Coulee—Dry Lake—Toole	1	800	20.0	....	......	......
S. F. Bear Coulee—Bear Coulee—Toole	1	400	10.0	....	......	......
Bear Cr.—Horse Prairie Cr.—Beaverhead	2	316	7.9	5	682	17.0
Bear Cr.—Medicine Lodge Cr.—Beaverhead	4	2,500	62.5	....	......	......
Bear Cr.—Nicholia Cr.—Beaverhead	6	2,380	59.5	....	......	......
Bear Cr.—Little Big Horn R.—Big Horn	1	400	10.0	....	......	......
Bear Cr.—People's Cr.—Blaine	6	720	18.0	....	......	......
Bear Cr.—Clark F. Yellowstone—Carbon	14	†1,576§	39.4	....	......	......
E. F. Bear Cr.—Bear Cr.—Carbon	2	300	7.5	....	......	......
N. F. Bear Cr.—Bear Cr.—Carbon	1	100	2.5	....	......	......
S F. Bear Cr.—Bear Cr.— Carbon	2	200	5.0	....	......	......
W. F. Bear Cr.—Bear Cr.—Carbon	1	200	5.0	....	......	......
Bear Cr.—Big Otter Cr.—Cascade	11	1,106§	27.6	....	......	......
Bear Cr.—E. Hound Cr.—Cascade	1	25	0.6	....	......	......
Bear Cr.—Mizpah Cr.—Custer	1	2,000	50.0	....	......	......
Bear Cr.—Otter Cr.—Custer	2	3,000	75.0	....	......	......
Bear Cr.—Box Elder—Fergus	18	4,570§	114.2	....	......	......
M. F. Bear Cr.—Bear Cr.—Fergus	1	200	5.0	....	......	......
S. F. Bear Cr.—Bear Cr.—Fergus	1	160	4.0	....	......	......
Bear Cr.—Careless Cr.—Fergus	1	200	5.0	....	......	......
Bear Cr.—M. F. Flathead R.—Flathead	3	†800	20.0	....	......	......
Bear Cr.—Truman Cr.—Flathead	1	50	1.2	....	......	......
Bear Cr.—E. Gallatin R.—Gallatin	11	3,185§	79.6	6	430	10.8
Bear Cr.—W. Gallatin R.—Gallatin	28	†8,670	216.8	15	1,186	29.6
Bear Cr.—Pass Cr.—Gallatin	1	†	......	....	......	......
Bear Creek—Reese Cr. Gallatin	9	1,655§	41.4	....	......	......
Bear Cr.—Half Breed Cr.—Hill	22	5,520	138.0	....	......	......
E. F. Bear Cr.—Bear Cr.—Hill.	2	200	5.0	....	......	......
Bear Cr.—Boulder R.—Jefferson	10	†7,620	190.5	....	......	......
Bear Cr.—Lyons Cr.—Lewis & Clark	1	100	2.5	....	......	......
*Bear Cr.—S. F. of N. F. Sun R.—Lewis & C.	1	10,000	250.0	....	......	......

a—Add 12.32 acre feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Bear Cr.—Libby Cr.—Lincoln	3	3,800	95.0	....	......	......
Bear Cr. Bear Gulch } Beaverhead R.—Madison Bear Gulch Cr.		See Bear Canyon Creek.				
Bear Cr.—Madison R.—Madison	29	†9,998	250.0	13	5,467	136.7
S. F. Bear Cr.—Bear Cr.—Madison	1	80	2.0	....	......	......
Bear Cr.—Big Elk Cr.—Meagher	2	450	11.2	2	93	2.3
Bear Cr.—Big Blackfoot R.—Missoula	5	660	16.5	....	......	......
Bear Cr.—N. F. Fish Cr.—Missoula	1	200	5.0	....	......	......
Bear Cr.—Lo Lo Cr.—Missoula	1	160	4.0	....	......	......
Bear Cr.—Missoula R.—Missoula	1	500	12.5	....	......	......
Bear Cr.—Yellowstone R.—Park	24	60,110	1,502.8	....	......	......
N. F. Bear Cr.—Bear Cr.—Park	5	3,150	78.8	....	......	......
Bear Cr.—N. F. Big Blackfoot R.—Powell	7	1,604	40.1	....	......	......
Bear Cr.—Douglas Cr.—Powell	1	200	5.0	....	......	......
Bear Cr.—Bitterroot R. —T. 7 N, Ravalli	37	15,166	379.2	79	4,908	122.7
N. Bear Cr.—Bear Cr.—Ravalli	1	160	4.0	....	......	......
S. Br. Bear Cr.—Bear Cr.—Ravalli	1	600	15.0	....	......	......
Bear Cr.—Bitterroot R.—T. 5 N., Ravalli	1	600	15.0	....	......	......
Bear Cr.—Weeping Child Cr.—Ravalli	1	480	12.0	....	......	......
Bear Cr.—Sarpy Cr.—Rosebud	1	500	12.5	....	......	......
E. Bear Cr.—Bear Cr.—Rosebud	1	100	2.5	....	......	......
Bear Cr.—Clark F. Columbia R.—Sanders	5	925	23.1	....	......	......
Bear Cr.—Thompson R.—Sanders	1	200	5.0	....	......	......
Bear Cr.—Big Hole R.—Silver Bow	6	3,500	87.5	....	......	......
Bear Cr.—Big Elk Cr.—Sweetgrass	1	200	5.0	....	......	......
Bear Cr.—Muddy Cr.—Teton	1	200	5.0	....	......	......
Bear Cr.—Missouri R.—Valley	5	5,360§	134.0	....	......	......
Brush F. Bear Cr.—Bear Cr.—Valley	2	2,320	58.0	....	......	......
Bear Gulch—Logging Cr.—Cascade	1	200	5.0	....	......	......
Bear Gulch .... Chouteau	1	80	2.0	....	......	......
Bear Gulch—Big Hole R.—Deer Lodge	9	†4,500	112.5	....	......	......
Bear Gulch—S. F. McDonald Cr.—Fergus	1	500	12.5	....	......	......
Bear Gulch—Hell Gate R.—Granite	16	2,310	57.8	....	......	......
Bear Gulch—Bison Cr.—Jefferson	2	†348§	8.7	....	......	......
Bear Gulch—Missouri R.—Lewis & Clark	2	150	3.8	....	......	......
Bear Gulch—Ten Mile Cr.—Lewis & Clark	1	10	0.2	....	......	......
Bear Gulch Cr.—La Valle Cr.—Missoula	1	1,000	25.0	....	......	......
Bear Gulch—Yellowstone R.—Park		See Bear Creek.				
Bear Gulch—Elk Cr.—Powell	1	†	......	....	......	......
Bear Gulch—Basin Cr.—Silver Bow	1	all	......	....	......	......
Bear Gulch—Keyser Cr.—Stillwater	1	160	4.0	....	......	......
Bear Gulch—Big Timber—Sweetgrass	1	150	3.8	....	......	......
Bear Butte Cr.—Fox Cr.—Beaverhead		See N. F. Fox Creek.				
Bear Lake—Reese Cr.—Gallatin		See Bear Creek.				
Bear Canyon Cr.—Beaverhead—Madison	11	†6,690	167.2	4	325	8.1
Bear Paw—Suction Cr.—Blaine		See Suction Cr. (Tributaries)				
Bear Skull Cr.—L. Powder R.—Custer	1	2,000	50.0	....	......	......
Bear Skull Cr.—Sixteen Mile Cr.—Gallatin	1	200	5.0	....	......	......
Bear Spring Cr.—Mill Cr.—Madison	1	†	......	....	......	......
Bear Tip Cr. .... Missoula	1	300	7.5	....	......	......
Bear Trap Cr.—Madison R.—Madison	4	4,160	104.0	....	......	......
W. F. Bear Trap Cr. .... Madison						
E. F. Bear Trap Cr. .... Madison		See Bear Trap Creek.				
Beard Cr.—Willow Cr.—Park	1	60	1.5	....	......	......
Beaselly Canon Cr.—Bridger Cr.—Gallatin.	1	200	5.0	....	......	......
Beaton Spring Cr.—Camas Cr.—Missoula	1	300	7.5	....	......	......
Beaton Cr.—Clark F. Columbia R.—Missoula	1	300	7.5	....	......	......
Beatty Gulch—Yellowstone R.—Park	3	150	3.8	....	......	......
Beaty Cr.—Yellowstone R.—Park		See Beatty Gulch.				
Beauchamp Cr.—Missouri R.—Blaine	2	200	5.0	....	......	......
Beauchmin Cr.—Post Cr.—Missoula	2	400	10.0	....	......	......
Beaudrey Gulch—Box Elder Cr.—Cascade	1	40	1.0	....	......	......
Beauvias Cr.—Big Horn R.—Yellowstone	2	460	11.5	....	......	......
Beaver Cr.—Bean Cr.—Blaine	3	†	......	....	......	......
Beaver Cr.—Clear Cr.—Blaine	2	†	......	....	......	......
*Beaver Cr.—Milk R.—Valley-Blaine	87	240,446	6,011.2	6	8,187	204.7
L. Br. Beaver Cr.—Beaver Cr.—Blaine		See Beaver Creek.				

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
S. F. Beaver Cr.—Beaver—Valley-Blaine	3	1,200	30.0	....	......	......
Beaver Cr.—Missouri R.—Broadwater	69	†26,431§	660.8	A 41	8,923	223.1
W. Main Beaver Cr.—Beaver Cr.—B'water	1	2,000	50.0	....	......	......
S. F. Beaver Cr.—Beaver Cr.—Broadwater	2	2,700	67.5	....	......	......
Beaver Cr.—Tongue R.—Custer	3	2,100	52.5	....	......	......
Beaver Cr.—L. Missouri R.—Fallon		See Big Beaver Creek.				
Beaver Cr.—Cottonwood Cr.—Fergus	46	†7,105§	177.6	....	......	......
E. F. Beaver Cr.—Cottonwood Cr.—Fergus		See Beaver Creek.				
S. F. Beaver Cr.—Beaver Cr.—Fergus	1	80	2.0	....	......	......
W. F. Beaver Cr.—Beaver Cr.—Fergus	1	350	8.8	....	......	......
Beaver Cr.—E. Gallatin R.—Gallatin	1	70	1.8	....	......	......
Beaver Cr.—W. Gallatin R.—Gallatin	3	500	12.5	1	47	1.2
Beaver Cr.—Rock Cr.—Granite	5	1,712	42.8	....	......	......
Beaver Cr.—Milk R.—Hill	14	13,036§	325.9	....	......	......
Beaver Cr.—Whitetail Cr.—Jefferson	4	3,150	78.8	....	......	......
E. F. Beaver Cr.—Beaver Cr.—Jefferson	1	all	......	....	......	......
N. F. Beaver Cr.—Beaver Cr.—Jefferson	2	†1,000	25.0	....	......	......
Beaver Cr.—Keep Cool Cr.—Lewis & Clark	1	500	12.5	....	......	......
Beaver Cr.—L. Prickly Pear Cr.—Lewis & C.	1	160	4.0	....	......	......
Beaver Cr.—Missouri—Lewis & Clark	11	5,525§	138.1	....	......	......
Beaver Cr.—Ten Mile Cr.—Lewis & Clark	14	5,800	145.0	....	......	......
Rt. Hd. F. Beaver Cr.—Beaver Cr.—L. & C.	1	†	......	....	......	......
S. F. Beaver Cr.—Beaver Cr.—Lewis & C.	1	200	5.0	....	......	......
Beaver Cr.—Mill Cr.—Madison	3	800	20.0	....	......	......
Beaver Cr.—Smith R.—Meagher	23	6,390§	159.7	....	......	......
Beaver Cr.—Mill Cr.—Missoula	1	†	......	....	......	......
Beaver Cr.—Swan R.—Missoula	1	1,280	32.0	....	......	......
Beaver Cr.— Missoula	1	250	6.2	....	......	......
Beaver Cr.—Yellowstone—Park	22	3,810	95.2	1	50	1.2
N. F. Beaver Cr.—Beaver Cr.—Park	1	100	2.5	....	......	......
S. F. Beaver Cr.—Beaver Cr.—Park	1	160	4.0	....	......	......
W. F. Beaver Cr.—Beaver Cr.—Park	1	80	2.0	....	......	......
Beaver Cr.—Big Blackfoot—Powell	2	† 500	12.5	....	......	......
Beaver Cr.— Ravalli		See One Horse Creek.				
Beaver Cr.—Sarpy Cr.—Rosebud	4	250§	6.2	....	......	......
N. Beaver Cr.—Beaver Cr.—Rosebud	2	360	9.0	....	......	......
Beaver Cr.—Sweeney Cr.—Rosebud	1	500	12.5	....	......	......
Beaver Cr.—Elk Cr.—Sanders	1	400	10.0	....	......	......
Beaver Cr. R. 51 E.—Big Muddy Cr.—Sheridan	1	1,000	50.0	....	......	......
Beaver Cr. R. 56 E.—Big Muddy Cr.—Sheridan	4	30,240	756.0	....	......	......
Beaver Cr.—Stillwater R.—Stillwater	4	†640§	16.0	....	......	......
E. F. Beaver Cr.—Beaver Cr.—Stillwater	1	160	4.0	....	......	......
W. F. Beaver Cr.—Beaver Cr.—Stillwater	1	160	4.0	....	......	......
Beaver Cr.—Yellowstone R.—Stillwater	1	†	......	....	......	......
Beaver Cr.—Jackstone Cr.—Stillwater	3	450	11.2	....	......	......
Beaver Cr.—Sun R.—Teton	1	200	5.0	....	......	......
Beaver Cr.—L. Missouri R.—Wibaux		See Big Beaver Creek.				
Beaver Dam— Jefferson	2	†200	5.0	....	......	......
Beaver Dam—Big Blackfoot—Powell	3	530	13.2	....	......	......
Beaver Draw—Little Beaver Cr.—Fallon	1	3,000	75.0	....	......	......
Beaver Stream—Willow Cr.—Lewis & Clark	2	2,000	50.0	....	......	......
Beaver Ball Cr.—Elk Cr.—Fergus	5	750	18.8	....	......	......
Beaver Dam Cr.—Bender Cr.—Beaverhead	1	320	8.0	....	......	......
S. Beaver Dam Cr.—Beaver Dam Cr.—Fallon	3	5,000	125.0	....	......	......
E. F. Beaver Dam Cr.—Beaver Dam—Fallon	3	1,500	37.5	....	......	......
N. Beaver Dam Cr.—Beaver Dam—Fallon	2	1,500	37.5	....	......	......
*Beaverhead R.—Jefferson R. Beaverhead Madison	186	†160,339§	4,008.5	197	57,563	1439.1
Beaver Tail Cr.—Hell Gate R.—Missoula		See Cramer Creek.				
Beaver Swamp Cr.—Ruby Cr.—Beaverhead	6	17,400	435.0	....	......	......
Beaver Town Cr.—Prickly Pear Cr.—Jeff'son	2	†160	4.0	....	......	......
Becker Coulee—Dry F. Marias—Teton	1	100	2.5	....	......	......
Beckerdyke Draw—Little Missouri—Fallon	1	500	12.5	....	......	......
Beck and Lamash Cr.—Rock Cr.—Powell	1	all	......	....	......	......
Beckwith Cr.—S. Willow Cr.—Madison	2	110	1.8	....	......	......
Bed Rock Cr.—Judith R.—Fergus	2	550	13.8	....	......	......
Bed Rock Cr.—M. F. Dearborn R.—L. & C.	7	1,700	42.5	....	......	......
Beebe Cr.—Mill Cr.—Madison	1	40	1.0	....	......	......
Beedy Cr.—Sage Cr.—Hill	1	160	4.0	....	......	......
Beef Straight Cr.—Pipestone Cr.—Jefferson	....	......	......	1	15	0.4

A—Includes 3 Federal decrees amounting to 350 in. or 8.8 second-feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Beef Straight Cr.—German Gulch—Silver Bow	10	6,800	†170.0	....	......	......
N. F. Beef Straight Cr.—Beef Str. Cr.—S. B.	1	500	12.5	....	......	......
Beef Strait Cr.—German Gulch—Silver Bow		See Beef Straight Creek.				
Beehive Cr.—Madison R.—Madison	1	500	12.5	1	197	4.9
Beef Slough—Yellowstone—Richland	1	300§	7.5	....	......	......
Beeve Coulee— Dawson	2	5,480	137.0	....	......	......
Beirus Cr.— Dawson	1	600	15.0	....	......	......
Beischel Cr.—Hell Gate R.—Missoula	1	25	0.6	....	......	......
Belcher Gulch Cr.—Prickly Pear Cr.—Jeff'son	1	100	2.5	....	......	......
Bell Coulee—Teton R.—Chouteau	1	400	10.0	....	......	......
Bell Coulee—Frenchman Cr.—Valley	4	1,400	35.0	....	......	......
Bell Cr.—Flint Cr.—Granite	1	100	2.5	....	......	......
Bell Cr.—Laird Cr.—Hill	3	260	6.5	....	......	......
Bell Cr.—Spring Cr.—Madison		See Beall Creek.				
Bell Cr.—Basin Cr.—Silver Bow	1	200	5.0	....	......	......
Belle Cr.— Custer	3	1,620	40.5	....	......	......
Bell's Canyon—Red Rock R.—Beaverhead	2	240	6.0	....	......	......
Bell Fousche Coulee—Sage Cr.—Hill	1	A	......	....	......	......
Belleview Cr.—Box Elder Cr.—Cascade	1	100	2.5	....	......	......
Bellmont Cr.—Big Blackfoot R.—Missoula	2	†200	5.0	....	......	......
Bell Spring Coulee—Cottonwood Cr.—Hill	1	100	2.5	....	......	......
*Belt Cr.—Missouri R.—Cascade	134	§450,348†	11,258.7	....	......	......
Dry F. Belt Cr.—Belt Cr.—Cascade	4	4,400	110.0	....	......	......
N. F. Belt Cr.—Cascade	1	500	12.5	....	......	......
Belt Cr.—Missouri R.—Gallatin	1	all	......	....	......	......
Belt Butte Cr.—Belt Cr.—Cascade	1	10	0.2	....	......	......
Belva Gulch—Armell's Cr.—Fergus	2	180	4.5	....	......	......
Bench Cr.—Little Missouri—Fallon	1	500	12.5	....	......	......
Bench Lake—Dry F. Marias—Teton	1	160	4.0	....	......	......
Bender Coulee—Missouri R.—Valley	1	100	2.5	....	......	......
Bender Cr.—Big Hole R.—Beaverhead	3	B 480	12.0	....	......	......
Bender Cr.—Yellowwater Cr.—Fergus	5	860	21.5	....	......	......
N. F. Bender Cr.—Bender Cr.—Fergus	1	200	5.0	....	......	......
Benedict Cr.—Clearwater R.—Missoula	1	200	5.0	....	......	......
Benedict Gulch—Yellowstone R.—Yellow'ne	1	2,000	50.0	....	......	......
Bengore Cr.—Bear Cr.—Hill	4	920	23.0	....	......	......
Benjamin Cr.—Sheep Cr.—Meagher	1	500	12.5	....	......	......
Benne Pierre—Yellowstone R.—Richland	2	700	17.5	....	......	......
Benner Cr.—Ten Mile Cr.—Lewis & Clark	6	†3,900	97.5	....	......	......
L. F. Benner Cr.—Benner Cr.—Lewis & C.	1	400	10.0	....	......	......
Bennett Coulee—Clear Cr.—Blaine	4	1,310	32.8	....	......	......
Bennett Coulee—Big Muddy Cr.—Sheridan	1	4,000	100.0	....	......	......
Bennett Coulee—Alkali Cr.—Valley	3	900	22.5	....	......	......
Bennett Cr. .... Blaine		See Bennett Coulee.				
Bennett's Cr.—Logging Cr.—Cascade	2	215	5.4	....	......	......
Bennett's Cr.—Smith Cr.—Park	2	550	13.8	....	......	......
Bennington Gulch—Clark Fork—Carbon	1	80	2.0	....	......	......
Benny Peer Cr.—Yellowstone R.—Richland.		See Benne Pierre Creek.				
Benoit Cr. .... Dawson	1	480	12.0	....	......	......
Ben Ryan Coulee. .... Chouteau	1	100	2.5	....	......	......
Bensley Coulee—Yellowstone R.—Custer	1	800	20.0	....	......	......
Bentel Cr.—Cow Cr.—Blaine	6	640	16.0	....	......	......
Benton Coulee—Missouri R.—Chouteau	1	400	10.0	....	......	......
Benton Cr.—Cherry Cr.—Madison	2	†	......	....	......	......
Benton Gulch Cr.—Smith R.—Meagher	11	3,600	90.0	....	......	......
Benton Lake—Missouri R.—Cascade	10	†22,352§	558.8	....	......	......
N. Br. Benton Lk. Muddy—Lake Cr.—Chouteau	1	100	2.5	....	......	......
Benton Trail Lake. .... Teton	1	4,000	100.0	....	......	......
Bercail Cr.—Careless Cr.—Meagher	5	1,240	31.0	....	......	......
W. F. Bercail Cr.—Bercail Cr.—Meagher	2	200	5.0	....	......	......
Beren's Coulee—Pondera Coulee—Teton	1	400	10.0	....	......	......
Berger Gulch—Dry F. Arrow Cr.—Cascade	1	200	5.0	....	......	......
Berlina Coulee—Sage Cr.—Hill	1	2,000	50.0	....	......	......
Bernard Gulch—Deer Lodge R.—Deer Lodge	2	200	5.0	....	......	......
Bernice Cr.—Powder R.—Custer	1	500	12.5	....	......	......
Berry Cr.—Dry Beaver Cr.—Blaine	2	400	10.0	....	......	......
Berry Coulee—Willow Cr.—Hill		See FiveMile Coulee.				
Berry Cr.—E. Red Lodge—Carbon	1	150	3.8	....	......	......

A—1,761.6 acre feet. B—Add 400 acre feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Berry Cr.—M. F. Dearborn—Lewis & C.	1	120	3.0	....	......	......
Berry Cr. ...... Madison	1	200	5.0	....	......	......
Berry Cr.—Johnson Cr.—Missoula	2	400	10.0	....	......	......
Berry Cr.—Big Muddy Cr.—Sheridan	1	240	6.0	....	......	......
Berry Cr.—Yellowstone—Stillwater	1	40	1.0	....	......	......
Berry Draw—Box Elder Cr.—Fallon	1	†	......	....	......	......
Berry Gulch—Hackberry Cr.—Fallon	2	1,730	43.2	....	......	......
Berry Gulch—Johnson Cr.—Missoula		See Berry Creek.				
Bertha Coulee—Dry Lake—Toole	1	400	10.0	....	......	......
Bertram Coulee—Marias R.—Toole	1	80	2.0	....	......	......
Bet Butte Coulee—Belt Cr.—Cascade		See Belt Butte Creek.				
Bethune Coulee—Pondera Coulee—Toole	1	600	15.0	....	......	......
Bevans Gulch—Ruby R.—Madison		See Biven's Gulch.				
Bevens Gulch—Ruby R.—Madison		See Biven's Gulch.				
Bevans Coulee—S. F. Pondera—Teton	2	1,000	25.0	....	......	......
Bevins Cr.—Grasshopper—Beaverhead	4	1,080	27.0	....	......	......
Bickett Coulee—Redwater Cr.—Richland	1	3,000	75.0	....	......	......
Bicourt Cr.—Nine Mile Cr.—Fallon	1	1,000	25.0	....	......	......
Big or Brook Can.—Jefferson R.—Madison	1	all	......	....	......	......
Big Coulee—Belt Cr.—Cascade	1	100	2.5	....	......	......
Big Coulee—Sheep Cr.—Cascade	1	50	1.2	....	......	......
Big Coulee—Shonkin Cr.—Chouteau	4	†320	8.0	....	......	......
Big Coulee—Missouri R.—Chouteau	1	1,000	25.0	....	......	......
Big Coulee—Dugout Coulee—Chouteau	1	160	4.0	....	......	......
Big Coulee—Elk Cr.—Fergus	1	500	12.5	....	......	......
Big Coulee—Ross Fork—Fergus	10	†1,545§	38.6	....	......	......
N. F. Big Coulee—Big Coulee—Fergus	1	all	......	....	......	......
Big Coulee—Sage Cr.—Fergus	2	360	9.0	....	......	......
Big Coulee—Warm Spr. Cr.—Fergus	3	†700	17.5	....	......	......
Big Coulee—Sage Cr.—Hill	2	†300	7.5	....	......	......
Big Coulee—Haymaker Cr.—Meagher	1	A	......	....	......	......
Big Coulee ...... Richland	1	500	12.5	....	......	......
Big Coulee—Box Elder Cr.—Rosebud	1	100	2.5	....	......	......
Big Coulee—Missouri R.—Sheridan	1	80	2.0	....	......	......
Big Coulee—Machachin Cr.—Valley	1	200	5.0	....	......	......
Big Coulee—Beaver Cr.—Valley	6	32,000	800.0	....	......	......
Big Coulee—Frenchman Cr.—Valley	1	600	15.0	....	......	......
Big Coulee—Musselshell—Sweetgrass		See Mud Creek.				
Big Coulee—Porcupine Cr.—Park	1	200	5.0	....	......	......
Big Coulee—Yellowstone—Sweetgrass	1	†......	......	....	......	......
Big Creek—Big Hole R.—Deer Lodge	22	23,860§	596.5	....	......	......
M. F. Big Cr. R. F. Big Cr. L. Br. Big Cr. W. Br. Big Cr. ...... Big Cr.—Deer Lodge		See Big Creek.				
Big Cr.—E side Flathead Lake—Flathead	5	85,700	2,142.5	....	......	......
Big Cr.—W. side Flathead Lake—Flathead	10	7,059§	176.5	....	......	......
S. F. Big Cr.—W. side Big Cr.—Flathead	2	4,000	100.0	....	......	......
Big Cr.—White Fish Cr.—Flathead	1	5,000	125.0	....	......	......
Big Cr.—W. Gallatin—Gallatin	9	7,600	190.0	1	1,785	44.6
Big Cr.—Pipe Cr.—Lincoln	1	6,000	150.0	....	......	......
Big Cr.—St. Regis R.—Mineral	6	20,880	522.0	....	......	......
Big Cr.—Big Indian Cr.—Park	1	200	5.0	....	......	......
Big Cr.—Yellowstone R.—Park	23	†6,600	165.0	23	2,545	63.6
Big Cr.—Bitterroot R.—Ravalli	29	† 23,040§	576.0	45	4,539	113.5
Upper Big Cr.—Bitterroot R.—Ravalli		See Blodgett Creek.				
Big Cr.—Cedar Cr.—Stillwater	2	3,500	87.5	....	......	......
Big Fork—Flathead R.—Flathead		See Swan River.				
Big Gulch—Boulder R.—Jefferson	2	170	4.2	....	......	......
N. F. Big Gulch—L. Bitterroot R.—Sanders	2	16	0.4	....	......	......
Big Gulch—Yellowstone R.—Sweetgrass	1	100	2.5	....	......	......
Big Lake ...... Cascade	1	25,000	625.0	....	......	......
Big Lake—Rattlesnake Cr.—Missoula		See Rattlesnake Creek.				
Big Antelope Cr.—N. F. Mus'shell—Meagher	2	200	5.0	....	......	......
Big Armells Cr.—Armells Cr.—Meagher		See Armell's Creek.				
Big Basin Cr.—Sage Cr.—Beaverhead		See Basin Creek.				
Big Bear Cr.—Bear Canyon Cr.—Madison	1	1,500	37.5	....	......	......

A—400,000,000 cubic ft. annually.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
N. F. Big Bear Gulch—Big Hole R.—Deer L.		See Bear Gulch.				
Big Beaun Cr. ....Blaine-Valley		See Beaver Creek.				
Big Beaver Cr.—L. Missouri R.—Fallon and Wibaux		See Beaver Creek.				
Big Beaver Cr.—L. Missouri R.—Fallon.....	7	11,000	275.0	....	......	......
M. F. Big Beaver—Big Beaver Cr.—Fallon	1	2,000	50.0	....	......	......
Preston F.—B. Beaver Cr.—B. B. Cr.—Fallon	1	†	......	....	......	......
B. Beaver Cr.—Clark F. Colum. R.—Sanders	7	4,965	124.1	....	......	......
W. F. B. Beaver Cr.—B. B. Cr.—Sanders...	1	36	0.9	....	......	......
Big Birch Cr.—Missouri R.—Chouteau		See Birch Creek.				
Big Birch Cr.—Smith R.—Meagher.........		See Birch Creek.				
*Big Blackfoot R.—Missoula R.—Powell-Missoula-Lewis & Clark	74	†6,974§	174.4	....	......	......
E. F. Big Blackfoot R.—Big B. R.—Powell..		See Big Blackfoot River.				
S. F. Big Blackfoot R.—Big B. R.—Powell..		See Big Blackfoot River.				
N. F. Big Blackfoot R.—Big B. R.—Powell	18	†155,060§	3,876.5	....	......	......
B. Blacktail Cr.—Blacktail Cr.—Silver Bow	3	520	13.0	....	......	......
Big Boulder Cr. ....Custer	1	800	20.0	....	......	......
Big Boulder Cr.—Jefferson R.—Jefferson...		See Boulder River.				
Big Box Elder Cr.—B. Sandy Cr.—Chouteau		See Box Elder Creek.				
Big Buffalo Cr.—Prickly Pear Cr.—Jefferson		See Buffalo Creek.				
Big Camp Cr.—Big Hole R.—Madison......		See Camp Creek.				
Big Canadian Cr.—Norwegian Cr.—Madison		See Canadian Creek.				
Big Canyon Cr.—Prickly Pear Cr.—Jeffer'n	2	400	10.0	....	......	......
Big Casino Cr.—Big Spring Cr.—Fergus....		See Casino Creek.				
Big Cedar Cr.........Stillwater-Yellowstone		See Cedar Creek.				
Big Cherry Cr.—Libby Cr.—Lincoln		See Cherry Creek.				
Big Cottonwood Cr.—Milk R.—Blaine-Valley	22	†14,020§	350.0	....	......	......
Big Cottonwood Cr. ....Broadwater		See Cottonwood Creek.				
Big Cottonwood Cr. .... Custer	2	600	15.0	....	......	......
Big Cottonwood Cr.—Ruby R.—Madison....	2	2,500	62.5	....	......	......
Big Coulee Cr.—Musselshell R Musselshell Stillwater Sweetgrass.	35	†8,590§	214.2	....	......	......
Big Cr. Lake—Big Cr.—Ravalli		See Big Creek.				
Big Deer Cr.—Armell's Cr.—Fergus.........		See Deer Creek.				
Big Deer Cr.—Flathead Lake—Flathead...	1	800	20.0	....	......	......
Big Deer Cr.—Sweetgrass Cr.—Sweetgrass..	1	250	6.2	....	......	......
Big Draw—Nine Mile Cr.—Fallon	1	2,000	50.0	....	......	......
Big Dry Cr.—Missouri R.—Dawson	6	14,400	360.0	....	......	......
Big Dry Cr.—Swimming Woman Cr.—Mussel.	2	150	3.8	....	......	......
Big Dry Cr.—Bitterroot R.—Ravalli	2	†	......	....	......	......
N. F. Big Dry C.—Big Dry Cr.—Ravalli.....	1	600	15.0	....	......	......
Big Dry Gulch ....Chouteau	1	200	5.0	....	......	......
Big Eagle Cr.—Missouri R.—Chouteau.....		See Eagle Creek.				
*Big Elk Cr.—Musselshell R.—Meagher and Sweetgrass	36	†12,594§	314.8	57	6,122	153.0
S. F. Big Elk Cr.—Big Elk Cr.—Meagher and Sweetgrass	1	300	7.5	....	......	......
Big Fennis Cr.—Prickly Pear Cr.—Jefferson	1	30	0.8	....	......	......
Big Fish Cr.—Big Blackfoot—Powell......	3	700	17.5	....	......	......
Big Fish Cr.—Jefferson R.—Silver Bow....		See Fish Creek.				
Big Flat Coulee—Snake Cr.—Blaine	1	280	7.0	....	......	......
Big Flat Coulee—Byrnes Cr.—Cascade	1	80	2.0	....	......	......
Big Flat Coulee—Whitewater Cr.—Valley.	1	200	5.0	....	......	......
Big Flat Draw—Little Beaver Cr.—Fallon..	2	600	15.0	....	......	......
Big Flume Gulch .... Jefferson	1	30	0.8	....	......	......
Big Foote Cr.—Whitetail Cr.—Jefferson.....	3	†50§	1.2	11	685	17.1
Big Fork Cr.—Stillwater R.—Flathead.....	1	600	15.0	....	......	......
Big Gulch Cr.—W. Spring Cr.—D. Lodge..	2	3,000	75.0	....	......	......
Big Head Cr. .... Missoula	1	50	1.2	....	......	......
Big Hill F. L. Beaver Cr.—L. B. Cr.—Fallon		See Little Beaver Creek.				
Big Hole Basin—Muddy Cr.—Teton	1	500	12.5	....	......	......
*Big Hole R.—Jefferson R.... Beaverhead Silver Bow Deer Lodge Madison	340	†6851591§	171289.8	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
N. F. Big Hole R.—Big Hole R.—Beaverh'd	17	2,780	69.5	....	......	......
S. F. Big Hole R.—Big Hole R.—B'head...	3	690	17.2	....	......	......
Big Horn Coulee—Beaver Cr.—Valley	3	10,400	260.0	....	......	......
*Big Horn R.—Yellowstone R. Carbon Bighorn Rosebud Yellowstone	33	†317,807§	7,945.2	....	......	......
Big Indian Cr.—Judith R.—Fergus	See Indian Creek.					
Big Indian Cr.—Shields R.—Park	4	580§	14.5	7	755	18.9
Big Indian Gulch—Prickly Pear—Jefferson	4	†254	6.3	....	......	......
Big Jam Coulee—Beaver Cr.—Valley.......	See Big Jaw Coulee.					
Big Jaw Coulee—Beaver Cr.—Valley	3	14,000	350.0	....	......	......
*Big Knife Cr.—Jocko R.—Missoula	3	12,000	300.0	....	......	......
Big Lake Basin—Bloody Dick Cr.—B'head..	6	12,000	300.0	....	......	......
Big Lake Cr.—Big Hole R.—Beaverhead	1	320	8.0	....	......	......
Big Lodge Cr.—Flathead Lake—Flathead...	1	4,000	100.0	....	......	......
Big Lost Cr.—Stillwater R.—Flathead	3	3,600	90.0	....	......	......
Big Miller Coulee—Missouri R.—Dawson...	2	88,00	220.0	....	......	......
Big Moose Horn Cr.—Trail Cr.—Beaverhead.	12	6,640	166.0	....	......	......
Big Mud Cr. ....Madison	2	800	20.0	....	......	......
Big Muddy Cr.—Shields R.—Park,Gallatin .	23	10,255	256.4	9	2,310	58.0
S. F. Big Muddy Cr.—Big Muddy Cr.—Galla.	See Big Muddy Creek.					
S. F. Big Muddy Cr.—Missouri R.—Gallatin	2	640	16.0	....	......	......
Big Muddy Cr.—Yellowstone R.—Park	1	120	3.0	....	......	......
*Big Muddy Cr.—Missouri—Sheridan	64	259,202§	6480.0	....	......	......
Big Otter Cr.—Belt Cr.—Cascade	See Otter Creek.					
E. F. Big Otter Cr.—Belt Cr.—Cascade......	See Otter Creek.					
Big Owl Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Big Pipestone Cr.—Jefferson R.—Jefferson	See Pipestone Creek.					
Big Poplar Cr. Gulch—Bison Cr.—Jefferson	1	250	6.2	....	......	......
B. Porcupine Cr.—Yellowstone R.—Rosebud	14	8,500	212.5	....	......	......
Big Porcupine Cr.—Milk R.—Valley	6	7,520	188.0	....	......	......
Big Ramme Cr.—Box Elder Cr.—Fallon	See Ramme Creek.					
Big Rock Cr.—Ross Fork—Fergus	See Rock Creek.					
Big Sag Cr.—Highwood Cr.—Chouteau	1	160	4.0	....	......	......
Big Sag Cr.—Judith R.—Fergus	1	200	5.0	....	......	......
Big Sage Cr.—Big Sandy Cr.—Hill	See Sage Creek.					
Big Sage Cr.—Rock Cr.—Valley	1	300	7.5	....	......	......
Big Sandy Cr.—Milk R.—Chouteau-Hill	98	†59,285§	1,482.1	2	A 130	3.2
S. Br. B. Sandy Cr.—B. Sandy Cr.—Chouteau	1	200	5.0	....	......	......
N. Br. S. F. B. Sandy Cr—S. F. B. S.—Chou	1	200	5.0	....	......	......
Big Sandy Cr.—Basin Cr.—Silver Bow......	1	50	1.2	....	......	......
Big Sheep Cr.—Red Rock R.—Beaverhead ...	61	3026,350§	75,656.2	20	4,024	100.6
Big Sheep Cr.—L. P. Pear Cr.—Lewis & C.	See Sheep Creek.					
Big Sl'p'g Child Cr.—Bitterroot R.—Ravalli	See Weeping Child Creek.					
Big Slough—Big Muddy Cr.—Sheridan......	1	180	4.5	....	......	......
Big Spring Br.—Armell's Cr.—Fergus.......	1	160	4.0	....	......	......
Big Spring Coulee—B. Spring Cr.—Fergus..	1	160	4.0	....	......	......
Big Spring Cr.—Beaverhead—Beaverhead..	1	120	3.0	....	......	......
Big Spring Cr.—Tongue R.—Big Horn	3	2,300	57.5	....	......	......
Big Spring Cr.—O'Fallon Cr.—Fallon	1	1,000	25.0	....	......	......
Big Spring Cr.—Judith R.—Fergus..........	74	†144,423§	3,610.6	....	......	......
E. F. Big Spring Cr.—Big Spring Cr.—Fergus	40	10,140§	253.5	....	......	......
M. F. E. F. Big Spring Cr.—...............	See E. F. Big Spring Creek.					
W. F. of E. F. Big Spr. Cr.—E. F. Big Spr. Cr.—Fergus	See E. F. Big Spring Cr.					
M. F. Big Spring Cr.—Big Spring Cr.—Fergus	1	200	5.0	....	......	......
Big Spring Cr.—Madison R.—Gallatin........	1	all	......	....	......	......
Big Spring Cr.— Lewis & Clark	2	350	8.8	....	......	......
Big Spring Cr.—Savanack Cr.—Missoula....	1	†....	......	....	......	......
Big Spring Cr.—B. Blackfoot R.—Powell....	1	300	7.5	....	......	......
Big Spring Cr.—Yellowstone R.—Sweetgrass	1	160	4.0	....	......	......
Big Spring Slough—W. Gallatin R.—Gallatin	1	200	5.0	....	......	......
Big Swamp Cr.—Big Hole R.—Beaverhead...	16	5,760	144.0	....	......	......
Big Swede Cr.—Big Muddy Cr.—Sheridan....	1	240	6.0	....	......	......
Big Tiger Cr.—Wilson Cr.—Jefferson.......	5	5,600	140.0	....	......	......

A—Add 50,000 gallons.

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
*Big Timber Cr.—Yellowstone R.—Sweetgrass	60	†167,204§	4,180.1	43	18,006	450.1
E. F. B. Tim. Cr.—B. Tim. Cr.—Sweetgrass	1	5,000	125.0	....	......	......
M. F. B. Tim. Cr.—B. Tim. Cr.—Sweetgrass	1	160	4.0	2	220	5.5
*N. F. B. Tim. Cr.—B. Tim. Cr.—Sweetgrass	12	86,210	2155.0	2	1,500	37.5
*S. F. B. Tim. Cr.—Big Tim. Cr.—Sweetgrass	15	22,480	562.0	14	2,460	61.5
N. F. of S. F. Big Timber Cr.—S. F. Big Timber Cr.—Sweetgrass	2	600	15.0	....	......	......
Big Timber Cr.—Careless Cr.—Meagher	1	600	15.0	....	......	......
Big Timber Gulch— Jefferson	2	300	7.5	....	......	......
Big Trout Cr.—Flint Cr.—Granite	See Trout Creek.					
Big Trout Cr.—Clark Fk. Columbia—Sanders	See Trout Creek.					
Big Warm Spr. Cr.—Beaver Cr.—Blaine and Valley	23	†25,820§	645.5	3	1,500	37.5
Big Weasel Cr.—Douglas Cr.—Powell	7	1,475	36.9	....	......	......
N. F. Big Weasel Cr.—Big Weasel Cr.—D. L.	1	200	5.0	....	......	......
Big Willow Cr.—Belt Cr.—Cascade	1	550	13.8	....	......	......
N. F. B. Willow Cr.—Big Willow Cr.—Cascade	1	150	3.8	....	......	......
Big Wolf Cr.—Dry Lake—Toole	1	160	4.0	....	......	......
Big Wolf Cr.—Fisher Cr.—Lincoln	See Wolf Creek.					
Bilder Bray—S. F. Sun R.—Lewis & Clark	See Dubray Creek.					
Bill Dubray Cr.—S. F. Sun R.—Lewis & C.	See Dubray Creek.					
Bilk Gulch—Missouri R.—Broadwater	2	†100	2.5	....	......	......
Billings Cr.—Willard Cr.—Beaverhead	9	3,110	77.8	2	60	1.5
Billman Cr.—Yellowstone R.—Park	19	†3,080§	77.0	13	603	15.1
Bill's Coulee—Dry Lake—Toole	1	400	10.0	....	......	......
Bill's Cr.—Box Elder Cr.—Fallon	1	200	5.0	....	......	......
Billy Cr.—Sweetgrass Cr.—Sweetgrass	4	650	16.2	2	115	2.9
E. F. Billy Cr.—Billy Cr.—Meagher	1	320	8.0	....	......	......
W. F. Billy Cr.—Billy Cr.—Meagher	1	320	8.0	....	......	......
Billy Weasel Cr.—Douglass Cr.—Powell	See Weasel Creek.					
Birch Cr.—Red Rock R.—Beaverhead	10	46,370	1159.2	....	......	......
Birch Cr.—Arrow R.—Cascade	2	200	5.0	....	......	......
Birch Cr.—Big Hole R.—Beaverhead	55	†47,972§	1199.3	29	6,549	163.7
Birch Cr.—Missouri R.—Chouteau	64	†12,370§	309.2	....	......	......
E. F. Birch Cr.—Birch Cr.—Chouteau	6	460	11.5	....	......	......
N. F. Birch Cr.—Birch Cr.—Chouteau	2	140	3.5	....	......	......
W. F. Birch Cr.—Birch Cr.—Chouteau	7	910	22.8	....	......	......
Birch Cr.—Flathead Lake—Flathead	1	200	5.0	....	......	......
Birch Cr.—Swan R.—Flathead	1	140	3.5	....	......	......
Birch Cr.—Smith R.—Meagher	31	†16,016§	400.4	....	......	......
N. F. Birch Cr.—Birch Cr.—Meagher	4	900	22.5	5	2,250	56.2
S. F. Birch Cr.—Birch Cr.—Meagher	See Birch Creek.					
R. F. Birch Cr.—Birch Cr.—Meagher	See Birch Creek.					
Birch Cr.—Hell Gate R.—Missoula	3	2,056	51.4	....	......	......
Birch Cr.—Bitterroot R.—Ravalli	9	1,380	34.5	....	......	......
S. F. Birch Cr.—Birch Cr.—Ravalli	2	1,110	27.8	....	......	......
Birch Cr.—E. F. Bitterroot R.—Ravalli	1	40	1.0	....	......	......
*Birch Cr.—Marias R.—Teton	50	219,060§	5476.5	‡1	1666⅔	33⅓
Bird Coulee—Marias R.—Chouteau	1	all	......	....	......	......
Bird Coulee—Pondera Coulee—Teton	1	400	10.0	....	......	......
Bird Cr.—Missouri R.—Cascade	9	2,995§	74.9	....	......	......
E. F. Bird Cr.—Bird Cr.—Cascade	See Bird Creek.					
L. Br. Bird Cr.—Bird Cr.—Cascade	1	150	3.8	....	......	......
Bird Cr.—Nine Mile Cr.—Missoula	1	1,000	25.0	....	......	......
Bird Stream Granite	1	150	3.8	....	......	......
Bird Tail Cr.—Cow Cr.—Blaine	1	150	3.8	....	......	......
Bird Tail Cr.—Little Muddy Cr.—Cascade	9	†3,700§	92.5	....	......	......
Birdwell Coulee—Snake Cr.—Blaine	1	160	4.0	....	......	......
Birkey Ditch—Yellowstone R.—Yellowstone	1	500	12.5	....	......	......
Birmingham Cr.—Hell Gate R.—Granite	1	6,000	150.0	....	......	......
Birmingham Gulch—Deer L. R.—Deer Lodge	3	†600§	15.0	....	......	......
Bisher Cr.—Rock Cr.—Park	..	....	......	1	60	1.5
Bishop Coulee—Willow Cr.—Hill	1	200	5.0	....	......	......
Bishop Coulee—L. Muddy Cr.—Valley	2	2,000	50.0	....	......	......
Bishop Cr.—Box Elder Cr.—Fallon	3	900	22.5	....	......	......
Bishop Cr.—High Ore Gulch—Jefferson	3	350	8.8	....	......	......
W. F. Bishop Cr.—Bishop Cr.—Jefferson	1	150	3.8	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

‡Federal decree reads: "To the amount and extent of sixteen hundred and sixty-six and two-thirds inches, or the equivalent thereof expressed in second-feet, to-wit: Thirty-three and one-third second feet of the waters of said Birch Creek."

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Bishop Cr.—Carter Cr.—Madison	3	400§	10.0	....	......	......
Bismark Cr.—Elkhorn Cr.—Jefferson	2	74	1.8	....	......	......
Bismark Cr.—St. Regis R.—Mineral	3	1,100	27.5	....	......	......
Bison Coulee—Cottonwood Cr.—Hill	3	1,020	25.5	....	......	......
Bison Cr.—Boulder R.—Jefferson	20	†11,319§	284.0	....	......	......
Bison Cr.—L. Blackfoot—Powell	1	300	7.5	....	......	......
Bison Cr.—American Fork—Sweetgrass	1	1,000	25.0	....	......	......
Bisson Cr. .... Flathead	1	†....	......	....	......	......
Bitle Coulee—Froze to Death Cr.—Rosebud	1	1,000	25.0	....	......	......
Bitter Cr.—Ridley Cr.—Cascade	2	†100	2.5	....	......	......
Bitter Cr. Coulee—Ridley Cr —Cascade		See Bitter Creek.				
Bitter Cr.—Powder R.—Custer	3	3,640	91.0	....	......	......
Bitter Cr.—Willow Cr.—Valley	1	500§	12.5	....	......	......
Bitter Cr.—Yellowstone R.—Yellowstone	4	6,500	162.5	....	......	......
Bitterroot Cr.—Flathead R.—Flathead		See Little Bitterroot River.				
*Bitterroot R.—Missoula R.—Missoula and Ravalli	114	†367,358§	9183.9	115	56,934	1423.3
*E. F. Bitterroot R.—Bitterroot R.—Ravalli	31	†220,630§	5515.8	....	......	......
S. F. Bitterroot R.—Bitterroot R.—Ravalli	2	8,560	214.0	....	......	......
*W. F. Bitterroot R.—Bitterroot R.—Ravalli	9	1,480§	37.0	....	......	......
S. F. of W. F. Bitterroot R.—W. F. Bitterroot R. .... Ravalli		See W. F. Bitterroot River.				
Bivens Gulch—Ruby R.—Madison	7	650	16.2	....	......	......
Black Canyon—Divide Cr.—Silver Bow	1	200	5.0	....	......	......
Black Coulee—Milk R.—Blaine	9	3,620	90.5	....	....	......
S. F. Black Coulee—Black Coulee—Blaine	2	440	11.0	....	......	......
W. F. Black Coulee—Black Coulee—Blaine	1	400	10.0	....	......	......
Black Coulee—Missouri R.—Blaine	15	2,660§	66.5	....	......	......
W. F. Black Coulee—Black Coulee—Blaine	8	540	13.5	....	......	......
E. F. Black Coulee—Black Coulee—Blaine	10	1,960§	49.0	....	......	......
Black Coulee—Arrow Cr.—Cascade	2	200§	5.0	....	......	......
Black Coulee—Marias R.—Hill	6	1,048	26.2	....	......	......
Black Coulee—Milk R.—Hill	2	700	17.5	....	......	......
Black Coulee—Deep Cr.—Teton	3	†600	15.0	....	......	......
Black Coulee—Willow Cr.—Toole	2	700	17.5	....	......	......
E. Black Coulee—Willow Cr.—Toole	1	160	4.0	....	......	......
Black Coulee—Milk R.—Valley	4	7,400	185.0	....	......	......
Black Coulee—Bear Cr.—Valley	3	4,320	108.0	....	......	......
Black Butte Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Black Butte Coulee—Deep Cr.—Teton	2	600	15.0	....	......	......
Black Butte Cr.—W. Gallatin R.—Gallatin	9	2,500	62.5	....	......	......
Black Butte Cr.—Sheep Cr.—Meagher	4	700	17.5	....	......	......
Black Butte Cr.—S. F. Smith R.—Meagher	1	50	1.2	....	......	......
S. F. Bl'k Butte Cr.—Flagstaff Cr.—Meagher		See Sheep Creek.				
Black Canon Cr.—Horse Prairie Cr.—Beav.		See Black Canyon Creek.				
Black Canyon Cr.—Horse Prairie Cr.—Beav.	3	1,000	25.0	10	1,756	43.9
Black Canyon Cr.—Big Blackfoot—Missoula	1	100	2.5	....	......	......
Black Eagle Cr.—Big Horn R.—Big Horn	1	1,000	25.0	....	......	......
Black Eagle Cr.—Tongue R.—Rosebud	1	1,000	25.0	....	......	......
Blackby Cr.—American Fork—Sweetgrass	4	1,000	25.0	....	......	......
Blackfoot Cr.—Sun R.—Cascade-Teton		See Duck Creek.				
Blackfoot Cr.—E. Gallatin R.—Gallatin	1	40	1.0	....	......	......
Blackfoot R.—Missoula R.—Lewis & C.		See Big Blackfoot River.				
Black Hawk Cr.—Mill Cr.—Missoula	1	†all	......	....	......	......
Black Hills Coulee—Dry Lake—Toole	3	1,320	33.0	....	......	......
Black Horse Coulee—Portage Cr.—Cascade	1	40§	1.0	....	......	......
Black Horse Gulch—L. Blackfoot—Powell	1	all	......	....	......	......
Black Jack Cr.—Swamp Cr.—Lincoln	1	120	3.0	....	......	......
Black Leaf Cr.—Marias R.—Chouteau	1	1,000	25.0	....	......	......
*Blackleaf Cr.—Muddy Cr.—Teton	40	†132,215§	3,305.4	....	......	......
S. F. Blackleaf Cr.—Blackleaf Cr.—Teton	1	400	10.0	....	......	......
Black Rock Cr.—Box Elder Cr.—Cascade	2	300	7.5	....	......	......
Black Rock Cr.—Flat Cr.—Lewis & Clark	1	1,200	30.0	....	......	......
Blacksmith Cr. Jefferson	1	100	2.5	....	......	......
Black Soil Cr.—L. Missouri R.—Fallon	1	1,000	25.0	....	......	......
Black Spring Cr.—Yellowstone R.—Rosebud	1	1,000	25.0	....	......	......
W. Br. Blackstone Coulee—Milk R.—Blaine	1	1,200	30.0	....	......	......
Blacktail Coulee—L. Muddy Cr.—Sheridan	1	1,000	25.0	....	......	......
Blacktail Coulee—Lime Cr.—Valley	2	1,200	30.0	....	......	......
Blacktail Cr.—L. Powder R.—Custer	1	2.500	62.5	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Blacktail Cr.—Powder R.—Custer-Fallon ...	1	400	10.0	....	......	......
Blacktail Cr.—L. Missouri R.—Fallon........	6	7,300	182.5	....	......	......
Blacktail Cr.—McDonald Cr.—Fergus	1	100	2.5	....	......	......
Blacktail Cr.—Warm Springs Cr.—Fergus...	1	200	5.0	....	......	......
Blacktail Cr.—Indian Cr.—Lincoln .... Madison	2	1,100	27.5	....	......	......
Blacktail Cr.—Beaverhead R.—Beaverhead..		See Blacktail Deer Creek.				
Blacktail Cr.—Smith R.—Meagher	1	120§	3.0	....	......	......
E. F. Blacktail Cr.—Blacktail—Meagher ...	2	150	3.8	....	......	......
Blacktail Cr.—Big Porcupine Cr.—Rosebud.	1	10,000	250.0	....	......	......
W. Blacktail Cr.—Blacktail—Rosebud	1	1,000	25.0	....	......	......
Blacktail Cr.—S. Bow Cr.—Silver Bow......	51	7,012	175.3	....	......	......
E. Blacktail Cr.—Blacktail Cr.—S. Bow.....	1	100	2.5	....	......	......
W. F. Blacktail Cr.—Blacktail Cr.—Silver B.	1	100	2.5	....	......	......
E. & W. Br. Blacktail Cr.—B't'l. Cr.—Sil. Bow		See Blacktail Creek.				
Blacktail Cr.—Yellowstone R.—Park	1	all	......	....	......	......
Blacktail Cr.—Teton R.—Teton	2	400	10.0	....	......	......
Blacktail Cr.—Birch Cr.—Teton	1	20,000	500.0	....	......	......
*Blacktail Deer Cr.—Beavernead R.—B'head	62	†20,424§	510.6	37	9,913	247.8
M. F. Blacktail Deer Cr.—Blacktail Dr. Cr. —Beaverhead	3	6,320	158.0	....	......	......
R. F. Blacktail Deer Cr.—B't'l. Dr. Cr.—B'he'd		See W. F. Blacktail Deer Cr.				
W. F. Blacktail D. Cr.—B. T. D. Cr.—B'head	2	1,280	32.0	....	......	......
Blacktail D. Cr.—Smith R—Meagher		See Blacktail Creek.				
Blacktail Deer Cr.—Sil. Bow Cr.—Silver Bow		See Blacktail Creek.				
Blacktail Gulch—Confederate Gl.—B'water..	2	†all	......	....	......	......
Blacktail Gulch—W. Springs Cr.—Fergus....	1	†all	......	....	......	......
Blacktail Gulch—Blacktail Cr.—Deer Lodge..	2	†all	......	....	......	......
Blacktail Gulch—Bitterroot R.—Ravalli ...	1	100	2.5	....	......	......
Blaine Cr.—Flathead R.—Flathead	3	2,200	55.0	....	......	......
Blaine Cr.—Careless Cr.—Meagher	1	250	6.2	....	......	......
Blaine Spring Cr.—Madison R.—Madison ..	11	21,210	530.2	....	......	......
Blain Lake—Flathead R.—Flathead		See Lake Blain.				
Blair Cr.—Meadow Cr.—Meagher		See Campbell Creek.				
Blair Cr.—Swimmingwoman Cr.—Meagher...	1	500	12.5	....	......	......
Blair Cr.—Mullan Cr. —Mineral	1	50	1.2	....	......	......
Blair Cr.—Yellowstone R.—Park	1	50	1.2	....	......	......
Blake Cr.—Careless Cr.—Fergus-Meagher ..	12	2,480	62.0	....	......	......
E. F. Blake Cr.—Blake Cr.—Fergus-Meagher	3	585	14.6	....	......	......
W. F. Blake Cr.—Blake Cr.—Fergus-Meagher	1	150	3.8	....	......	......
Blakie Cr.—Fish Cr.—Sweetgrass	1	360	9.0	....	......	......
Blanchard Cr.—Clearwater Cr.—Powell and Missoula	8	8,685	217.1	....	......	......
W. F. Blanchard Cr.—Blanchard Cr.—M'ula.	1	160	4.0	....	......	......
Blasinger Gulch. .... Cascade	1	20	0.5	....	......	......
Blazed Tree Cr.—Yellowstone R.—Y'stone...	1	100	2.5	....	......	......
Blazer Cr.—Checkerboard Cr.—Meagher	1	200	5.0	....	......	......
Bleeker Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Blind Breed Gulch—Boyd Cr.—Fergus	1	50	1.2	....	......	......
Blind Horse Cr.—Muddy Cr.—Teton	1	200	5.0	....	......	......
Blixt Cr.—Union Cr.—Missoula	1	3,200	80.0	....	......	......
Blizzard Cr.—L. Missouri R.—Fallon	1	800	20.0	....	......	......
Blockfoot Cr.—Sun R.—Cascade		See Blackfoot Cr.				
Blodget Gulch—Flint Cr.—Granite	1	100	2.5	....	......	......
*Blodgett Cr.—Jocko R.—Missoula	1	80	2.0	....	......	......
Blodgett Cr.—Bitterroot R.—Ravalli	31	†15,630§	390.8	43	2,471	61.8
S. F. Blodgett Cr.—Blodgett Cr.—Ravalli ..	1	800	20.0	....	......	......
Blood Cr.—Musselshell—Fergus	1	160§	4.0	....	......	......
Blood Cr.—Wolf Cr.—Fergus	3	650	16.2	....	......	......
Bloody Dick Cr.—B. Hole R.—Beaverhead..	42	†11,530§	288.2	62	8,056	201.4
Bloody Dick Cr.—H. Prairie Cr.—B'head....	28	§11,660	291.5	14	1,155	28.9
E. F. Bloody D. Cr.—B. Dick Cr.—B'head...	3	900	22.5	....	......	......
N. F. B. Dick Cr.—B. Dick Cr.—B'head......	1	450	11.2	....	......	......
W. F. Bloody Dick Cr.—B. Dick Cr.—B'head	5	1,760	44.0	....	......	......
Bloom Cr.—Gold Cr.—Powell		See Blum Creek.				
Bloom Cr. .... Yellowstone	2	700	17.5	....	......	......
Blossom Cr.—Prospect Cr.—Sanders	2	2,500	62.5	....	......	......
Blossom Lake ....Sanders		See Prospect Creek.				

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Blubber Cr.—Dubray Cr.—Lewis & Clark	1	50	1.2	....	......	......
Blue Cr.—Grasshopper—Beaverhead	3	700	17.5	....	......	......
Blue Cr.—Nine Mile Cr.—Missoula	2	2,000	50.0	....	......	......
Blue Cr.—Yellowstone R.—Yellowstone	19	13,255	†331.4	3	120	3.0
Blue Lake—Rowe Cr.—Park	4	400§	10.0	....	......	......
Blue Lake Cr.—Boulder R.—Sweetgrass	6	2,980	74.5	....	......	......
Blue Lake. Valley	1	500	12.5	....	......	......
Blue Bay Cr.—Flathead Lake—Flathead	3	16,200	405.0	....	......	......
Blue Bell Gulch—P. Pear Cr.—Jefferson	4	215	5.4	....	......	......
Blue Berry Coulee—Dry Lake—Toole	1	400	10.0	....	......	......
Blue Canyon Cr.—W. Rosebud Cr.—Carbon	1	480	12.0	....	......	......
Blue Cloud Gulch—Ten Mile Cr.—Lewis & C.	6	100	2.5	....	......	......
Blue Grass Coulee—Clear Cr.—Blaine	1	40	1.0	....	......	......
Blue Grass Coulee—Goose Lake—Sheridan.	1	320	8.0	....	......	......
Blue Grass Gulch—Hell Gate R.—Missoula	1	1,000	25.0	....	......	......
Blue Hill Coulee—Lone Tree Cr.—Dawson	1	1,000	25.0	....	......	......
N. Prong Blue Hill Coulee. Dawson	1	200	5.0	....	......	......
S. F. Blue Hill Coulee—B. Hill C.—Dawson.	1	5	0.1	....	......	......
Blue Joint Lake—Muddy Cr.—Teton	1	100	2.5	....	......	......
Blue Spring Cr.—Flathead R.—Flathead	1	4	0.1	....	......	......
Blue Water Cr.—Clarke Fork—Carbon	33	†13,230§	330.8	27	2,466	61.6
E. F. Bluewater Cr.—Bluewater Cr.—Carbon	1	150	3.8	....	......	......
M. F. Bluewater Cr.—Bluewater Cr.—Carbon	1	140	3.5	....	......	......
Bluff Cr.—Peoples Cr.—Blaine	1	160	4.0	....	......	......
Bluff Cr.—Rock Cr.—Valley	1	800	20.0	....	......	......
Blum Cr.—Powder R.—Custer	3	3,000§	75.0	....	......	......
S. F. Blum Cr.—Blum Cr.—Custer	1	300	7.5	....	......	......
Blum Cr.—Gold Cr.—Powell	2	†150	3.8	....	......	......
S. F. Blum Cr.—Blum Cr.—Powell	1	200	5.0	....	......	......
Boaz Cr.—Hot Springs Cr.—Madison	4	†1,400	35.0	....	......	......
Bob's Coulee—Dry Lake—Toole	1	400	10.0	....	......	......
Bob Cr.—Red Rock—Beaverhead	2	110	2.8	....	......	......
Bob Cr.—Jefferson Gulch—Powell	....	......	......	1	20	0.5
Bob Cat Coulee—Judith R.—Fergus	1	200	5.0	....	......	......
Bob Cat Coulee—Sage Cr.—Hill	1	120	3.0	....	......	......
Bob Cat Cr.—Bad Luck Cr.—Madison	1	40	1.0	....	......	......
Bob Christian Lake—S. Miner Coulee—Toole	1	all	......	....	......	......
Bob Tail Cr.—Kootenai R.—Lincoln	5	2,320	58.0	....	......	......
Bob Wilson Cr.—Smith R.—Meagher	1	50	1.2	....	......	......
Bog Coulee—Antelope Cr.—Valley	1	all	......	....	......	......
Bog Cr.—Brown's Gulch—Deer Lodge.		See S. F. Farley's Creek.				
Boger Gulch—Prospect Cr.—Sanders	1	50	1.2	....	......	......
Boggy Coulee—Rock Cr.—Valley	1	320	8.0	....	......	......
Bolzener's Coulee—Cottonwood Cr.—Toole	1	200	5.0	....	......	......
Bonanza Cr. Meagher	2	200	5.0	....	......	......
Bond Cr.—Trout Cr.—Mineral	1	300	7.5	....	......	......
Bone Cr.—L. Beaver Cr.—Fallon	1	500	12.5	....	......	......
S. Bone Cr.—Bone Cr.—Fallon	3	3,000	75.0	....	......	......
Bone Pile Cr. Custer	1	5,000	125.0	....	......	......
Bone Spring Coulee—Frenchman—Valley	1	600	15.0	....	......	......
Boneyard Spring Cr.—Muddy Cr.—Teton	2	580	14.5	....	......	......
Bonner Cr.—Bitter Root R.—Missoula	1	450	11.2	....	......	......
Bonnett Lake—Dry Lake—Teton	1	400	10.0	....	......	......
Boohee Cr. Yellowstone	1	60*	1.5	....	......	......
Boomerang Gulch—Boulder R.—Jefferson	2	550	13.8	....	......	......
Boomerang Gulch—Peterson Gulch—Powell.	9	880	22.0	....	......	......
Boot Lake—Red Rock R.—Beaverhead		See Birch Creek.				
Booth Gulch—Wisconsin Cr.—Madison	1	†......	......	....	......	......
Borel Cr.—S. F. Dearborn—L. & Clark	2	300	7.5	....	......	......
Boring Machine Cr.—Grasshopper Cr.—Beaverhead	2	330	8.2	4	3,625	90.6
Borrel Cr.—S. F. Dearborn R.—L. & Clark		See Borel Creek.				
Bosch Coulee—Milk R.—Blaine	1	200	5.0	....	......	......
Boston Coulee—Smith R.—Cascade	41	†3,475§	86.8	....	......	......
Dry Fork Boston Coulee—Boston Coulee, Cascade	1	120	3.0	....	......	......
Boston Coulee—Bird Cr.—Cascade	5	600	15.0	....	......	......
Bostwick Cr.—E. Gallatin R.—Gallatin	6	†400	10.0	....	......	......

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Boucher Coulee—Pondera Coulee—Teton	1	200	5.0	....	......	......
Boulder Cr.—Sage Cr.—Beaverhead	5	460	11.5	....	......	......
Boulder Cr.—Confederate Gl.—Broadwater	9	†6,800§	170.0	....	......	......
S. Boulder Cr.—Boulder Cr.—Broadwater	2	350	8.8	....	......	......
Boulder Cr. Cascade	1	300	7.5	....	......	......
Boulder Cr.—Flathead Lake—Flathead	2	16,000	400.0	....	......	......
Boulder Cr.—Flint Cr.—Granite	38	25,549	638.7	....	......	......
W. F. Boulder Cr.—Boulder Cr.—Granite		See Boulder Creek.				
N. F. Boulder Cr.—Boulder Cr.—Granite		See Boulder Creek.				
S. F. Boulder Cr.—Boulder Cr.—Granite	10	2,970§	74.2	....	......	......
W. F. S. F. Boulder Cr. E. F. S. F. Boulder Cr. S. E. F. of S. F. Boulder Cr. } S. F. Boul. Cr.—Granite		See S. F. Boulder Creek.				
W. F. S. F. Boulder Cr.—S. F. Boul. Cr.—Gr.		See S. F. Boulder Creek.				
E. F. S. F. Boulder Cr.—S. F. Boul. Cr.—Gr.		See S. F. Boulder Creek.				
S. Boulder Cr.—Jef'rs'n R.—Madison (R 5 W)		See Dry Boulder Creek.				
S. Boulder Cr.—Jefferson R.—Madison	70	†249,585§	6,239.5	....	......	......
Boulder Cr.—Allebaugh Cr.—Meagher	4	2,200	55.0	....	......	......
Boulder Cr.—Elk Cr.—Powell	9	3,300	82.5	....	......	......
Boulder Cr.—W. F. Bitterroot—Ravalli	1	120	3.0	....	......	......
Boulder Cr.—Tongue R.—Rosebud	1	600	15.0	....	......	......
Boulder Cr.—Yellowstone R.—Sweetgrass		See Boulder River.				
*Boulder Cr.—Swiftcurrent Cr.—Teton	1	1,500	37.5	....	......	......
Boulder Gulch—Yogo Cr.—Cascade	2	800	20.0	....	......	......
Boulder Gulch—Deer Lodge R.—Deer Lodge	1	all	......	....	......	......
Boulder Hill Gulch— Jefferson	1	50	1.2	....	......	......
Boulder R.—Jefferson R.—Jefferson	182	†182,327§	4,558.2	....	......	......
S. F. Boulder R.—Boulder R.—Jefferson	1	†all	......	....	......	......
N. Boulder R.—Boulder R.—Jefferson	13	†13,800	345.0	....	......	......
W. F. Boulder R.—N. Boulder R.—Jefferson	1	200	5.0	....	......	......
*Boulder R. or Cr.—Yellowstone R.—Park and Sweetgrass	94	†131,154§	3,278.8	....	......	......
*E. F. Boulder R.—Boulder R.—Sweetgrass.	23	10,900§	272.5	....	......	......
*W. F. Boulder R.—Boulder R.—Park and Sweetgrass	25	41,160	1.029.0	....	......	......
Boulder Slough—Boulder R.—Jefferson	16	1,740	43.5	....	......	......
Boundry Lake—Half Breed Cr.—Toole	1	200	5.0	....	......	......
Boundary Line Coulee—Sage Cr.—Hill	1	‡..	......	....	......	......
Bourgault Cr.—Clark F. Col. R.—Sanders	1	160	4.0	....	......	......
Bourne Gulch—Bitterroot R.—Ravalli	1	75	1.8	....	......	......
Bowdoin Lake—Beaver Cr.—Valley	1	50,000	1,250.0	....	......	......
Bowen Coulee—White Water Cr.—Valley	1	200	5.0	....	......	......
Bowers Coulee—Missouri R.—Sheridan	1	5,184	129.6	....	......	......
Bowers Cr.—L. Powder R.—Custer	4	7,000	175.0	....	......	......
Bowland Spr. Cr.—Ashley Cr.—Flathead	1	300	7.5	....	......	......
Bowl Cr.— Flathead	1	32,000	800.0	....	......	......
Bowm Cr.—Fiddler Cr.—Stillwater	1	100	2.5	....	......	......
W. Bowsers Cr.—Bowsers Spr. Cr.—Flathead	1	150	3.8	....	......	......
Bower Spring Br.—Ashley Cr.—Flathead		See Bowser Spring Creek.				
Bowser Spring Cr.—Ashley Cr.—Flathead	4	1,150	28.8	....	......	......
Box Cr.—Big Dry Cr.—Dawson	2	4,300	107.5	....	......	......
Box Cr.—L. Missouri R.—Fallon	3	2,000	50.0	....	......	......
Box Elder Coulee—Frenchman Cr.—Valley	5	3,200	80.0	....	......	......
Box Elder Coulee—Milk R.—Valley	2	6,000	150.0	....	......	......
Box Elder Cr.—Milk R.—Blaine-Hill		See Little Box Elder Creek				
Box Elder Cr.—Snake Cr.—Blaine	12	†2,870§	71.8	....	......	......
E. Box Elder Coulee—Box Elder Cr.—Blaine	1	200	5.0	....	......	......
M. Br. Box Elder Cr.—Box Eld. Cr.—Blaine	1	600	15.0	....	......	......
W. Br. Box Eld. Cr.—Snake Cr.—Blaine	1	80	2.0	....	......	......
Box Elder Cr.—Missouri R.—Cascade	64	†11,804§	295.1	....	......	......
L. F. Box Elder Cr.—Box Elder Cr.—Cascade	1	50	1.2	....	......	......
Box Elder Cr.—Big Sandy Cr.—Chouteau-Hill	27	11,330§	283.2	10	1,168	29.2
Box Elder Cr.—Yellowstone R.—Dawson	4	3,950	98.8	....	......	......
Box Elder Cr.—L. Missouri R.—Fallon	42	28,230§	705.8	....	......	......
W. F. Box Elder Cr.—Box Elder Cr.—Custer	1	1,500	37.5	....	......	......
Box Elder Cr.—Judith R.—Fergus	2	2,200	55.0	....	......	......
Box Elder Cr.—Musselshell R.—Fergus	57	†95,366§	2.384.1	....	......	......
W. F. Box Elder Cr.—Box Elder Cr.—Fergus		See Box Elder Creek.				

‡Add 330.4 acre feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
S. F. Box Elder Cr.—Box Elder Cr.—Fergus		See Little Box Elder Creek.				
Box Elder Cr.—Yellowstone R.—Rosebud	9	7,500	187.5	....	......	......
E. F. Box Elder Cr.—Box Elder Cr.—Rosebud	1	500	12.5	....	......	......
Box Elder Cr.—Big Muddy Cr.—Sheridan	5	2,120§	53.0	....	......	......
Box Elder Cr.—Telegraph Cr.—Valley	3	1,240	31.0	....	......	......
Boyd's Cr.—Big Spring Cr.—Fergus	17	3,835	95.9	....	......	......
N. F. Boyd's Cr.—Boyd's Cr.—Fergus	1	25	0.6	....	......	......
Boyer Cr.—S. Willow Cr.—Madison		See Boyer Gulch.				
Boyer Gulch—S. Willow Cr.—Madison	2	60	1.5	....	......	......
Boyer Gulch—Prospect Cr.—Sanders	1	50	1.2	....	......	......
Boyle Cr.—Clear Cr.—Blaine	1	160	4.0	....	......	......
Boyle Cr. Jefferson	2	250	6.2	....	......	......
*Bozeman Cr.—E. Gallatin R.—Gallatin	63	†56,380§	1,409.5	21	2,680	67.0
Bozeman Fork—S. F. Musselshell—Meagher	8	1,890§	47.2	....	......	......
E. & W. F. Bozeman Fk. Boze Fk.—Meagher		See Bozeman Fork.				
Bracket Cr.—Cherry Cr.—Dawson	1	1,000	25.0	....	......	......
Bracket Cr.—Box Elder Cr.—Wibaux	1	300	7.5	....	......	......
*Bracket Cr.—Shields R.—Park	20	5,620	140.5	30	3,715	92.9
Bradley Cr.—Hot Springs Cr.—Madison	3	350	8.8	....	......	......
Bradley Cr.—Blackleaf Cr.—Teton	1	200	5.0	....	......	......
Bradshaw Cr.—Otter Cr.—Custer	2	1,500	37.5	....	......	......
Brady Coulee—Pondera Coulee—Teton	1	600	15.0	....	......	......
Brady Cr.—Sixteen Mile Cr.—Gallatin	1	300	7.5	....	......	......
Brady Cr.—W. F. Rock Cr.—Granite	1	1,500	37.5	....	......	......
Brady Cr. Missoula	1	500	12.5	....	......	......
Brady Gulch Canyon—Boulder R.—Jefferson	2	300	7.5	....	......	......
Brain Lake—Flint Cr.—Granite	2	920	23.0	....	......	......
Branch Coulee—Dry Lake—Toole	1	160	4.0	....	......	......
Branch Cr.—Bear Cr.—Ravalli	1	500	12.5	....	......	......
Brantly Cr.—Douglas Cr.—Fergus	1	300	7.5	....	......	......
Brass Kelly Br.—Cottonwood Cr.—Fergus	1	100	2.5	....	......	......
Braun Cr.—Mill Cr.—Missoula		See Brown Creek.				
Braun Cr.—Arrow Cr.—Cascade		See Brown's Creek.				
Bray Canyon Cr.—Grasshopper Cr.—B'head.	7	8,160	†204.0	....	......	......
Brazil Cr.—Nevada Cr.—Powell	1	480	12.0	2	140	3.5
Brazil Cr.—Milk R.—Valley	7	86,720§	2,168.0	....	......	......
E. Br. Brazil Cr.—Brazil Cr.—Valley	1	80,000	2,000.0	....	......	......
W. F. Brazil Cr.—Brazil Cr.—Valley	2	800	20.0	....	......	......
Breed Cr.—Cottonwood Cr.—Chouteau	2	160	4.0	....	......	......
Bremer Cr.—Sixteen Mile Cr.—Gallatin	2	120	3.0	....	......	......
Brenchand Slough—Yellowstone—Y'stone	1	300	7.5	....	......	......
Brennan Cr.—Skalkaho Cr.—Ravalli	1	100	2.5	....	......	......
Brewer Cr.—Clark F. Columbia R.—Sanders	1	432	10.8	....	......	......
Brewery Gulch—W. Springs Cr.—Fergus	1	100	2.5	....	......	......
Brewster Cr.—Rock Cr.—Granite	18	†5,520§	138.0	....	......	......
E. F. Brewster Cr.—Brewster Cr.—Granite	4	550	13.8	....	......	......
N. F. Brewster Cr.—Brewster Cr.—Granite	3	1,400	35.0	....	......	......
S. F. Brewster Cr.—Brewster Cr.—Granite	2	350	8.8	....	......	......
W. F. Brewster Cr.—Brewster Cr.—Granite.	2	250	6.2	....	......	......
Briant Cr.—L. Blackfoot R.—Powell		See Bryant Creek.				
Brick Cr.—L. Blackfoot R.—Powell	1	200	5.0	....	......	......
Brick Yard Cr.—Ford's Cr.—Fergus	9	1,820	45.5	....	......	......
Brick Yard Coulee—Beaverhead R.—B'head.	2	450	11.2	....	......	......
Bridge Coulee—Powder R.—Custer	1	500	12.5	....	......	......
Bridge Coulee—Marias R.—Toole		See Johnson & Bridge Coulee.				
Bridge Coulee Valley	1	600	15.0	....	......	......
Bridge Cr.—Mission Cr.—Cascade	1	500	12.5	....	......	......
Bridge Cr.—Ford's Cr.—Fergus	4	1,650	41.2	....	......	......
Bridge Cr.—Warm Springs Cr.—Fergus	1	100	2.5	....	......	......
Bridge Cr.—Smith R.—Meagher		See Benton Gulch (Cr.)				
Bridge Cr.—Eagle Cr.—Meagher	3	520§	13.0	....	......	......
Bridge Cr.—Yellowstone R.—Sweetgrass	1	160	4.0	....	......	......
Bridger's Coulee—Half Breed Cr.—Toole	1	100	2.5	....	......	......
Bridger Cr.—Clark Fork—Carbon	3	640	16.0	....	......	......
M. F. Bridger Cr.—Bridger Cr.—Carbon	1	200	5.0	....	......	......
N. F. Bridger Cr.—Bridger R.—Carbon	2	220	5.5	....	......	......
*Bridger Cr.—E. Gallatin R.—Gallatin	8	1,330	33.2	5	455	11.4
Bridger Cr.—Yellowstone R.—Sweetgrass	9	2,150	53.8	....	......	......
Bridges Cr. Yellowstone	2	250	6.2	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Brie Cr.--Elk Cr.—Sanders	1	160	4.0	....	......	......
Briede Coulee—Missouri R.—Chouteau	2	316	7.9	....	......	......
Brigg's Coulee—Dry Lake—Toole	1	400	10.0	....	......	......
Brigg's Cr.—McDonald Cr.—Fergus	1	160	4.0	....	......	......
Brimstone Cr.—St. Regis—Mineral	1	80	2.0	....	......	......
Bristow Cr.—Rock Cr.—Granite	1	500	12.5	....	......	......
Brittle Silver Spr. Cr.—B. Hole R.—B'head	3	30	0.8	....	......	......
Broadus Cr.—Powder R.—Custer	1	1,500	37.5	....	......	......
Broadwater Coulee—Beaver Cr.—Hill	2	360	9.0	....	......	......
Broadwater Cr.—Clark Fork—Sweetgrass	1	100,000	2,500.0	....	......	......
Brock Cr.—Hell Gate R.—Powell	3	885	22.1	....	......	......
Brockmay's Gulch .... Jefferson	1	20	0.5	....	......	......
Brockway Coulee—Musselshell R.—M'shell	1	200	5.0	....	......	......
Bromis Cr.—Brown's Cr.—Cascade	1	100	2.5	....	......	......
Browne Coulee—Cottonwood Cr.—Hill	3	580	14.5	....	......	......
Brown Coulee—Milk R.—Hill	2	800	20.0	....	......	......
Browne Coulee—Sage Cr.—Hill	2	280	7.0	....	......	......
Brown Coulee—Milk R.—Valley	1	1,000	25.0	....	......	......
Brown Cr.—Sage—Carbon	1	160	4.0	....	......	......
Brown's Cr.—Arrow Cr.—Cascade-Fergus	19	2,750	68.8	....	......	......
Brown Cr. ....Custer	1	500	12.5	....	......	......
Brown Cr.—Tongue R.—Custer	1	1,000	25.0	....	......	......
S. F. Brown Cr.—Brown Cr.—Custer	1	880	22.0	....	......	......
Brown's Cr.—Warm Spring Cr.—Fergus	1	50	1.2	....	......	......
Brown Cr.—Oro Fino Gulch—Granite	3	†all	......	....	......	......
Brown Cr.—Careless Cr.—Meagher	1	160	4.0	....	......	......
Brown Cr.—Mill Cr.—Missoula	3	2,100	52.5	....	......	......
Brown Gulch—Thompson Cr.—Beaverhead	3	520	13.0	....	......	......
Brown Gulch—Willow Cr.—Beaverhead	1	320	8.0	....	......	......
Brown Gulch Cr.—Big Hole R.—Beaverhead	2	400	10.0	....	......	......
Brown Gulch Cr.—W. Gallatin R.—Gallatin	3	948	21.2	....	......	......
Brown Gulch—Flint Cr.—Granite	7	†720§	18.0	....	......	......
Brown's Gulch—Camp Cr.—Granite	1	100	2.5	....	......	......
Brown's Gulch .... Jefferson	1	†all	......	....	......	......
Brown's Gulch—Alder Cr.—Madison	17	†400	10.0	....	......	......
Brown's Gulch—Silver Bow Cr.—Silver Bow	60	†13,096§	327.4	....	......	......
L. Hand F. Brown's Gulch—Brown's Gulch—Silver Bow		See Brown's Gulch.				
M. F. Brown's Gulch—Brown's Gulch—S. Bow	1	all	......	....	......	......
Brown's Lake—Big Blackfoot R.—Powell	5	1,895	47.4	....	......	......
Brookdale Cr.—Muddy Cr.—Teton	1	300	7.5	....	......	......
Brook's Cr.—Bitterroot R.—Ravalli	1	500	12.5	2	640	16.0
Brookside Cr.—Blacktail Cr.—Silver Bow	1	20	0.5	....	......	......
Broomfield Cr.—Fox Cr.—Beaverhead	1	all	......	....	......	......
Browning Coulee—Missouri R.—Valley	1	†	......	....	......	......
Bruce Coulee—Teton R.—Teton	4	1,340	33.5	....	......	......
W. F. Bruce Coulee—Bruce Coulee—Teton	1	†all	......	....	......	......
Bruck Draw—Harmon Cr.—Fallon	1	500	12.5	....	......	......
Brusch Coulee—Missouri R.—Sheridan	4	950	23.8	....	......	......
Brush Coulee—Cash Cr.—Valley	5	2,180	54.5	....	......	......
Brush Coulee—Third Cr.—Valley	1	500	12.5	....	......	......
Brush Cr.—Box Elder Cr.—Fallon	1	400	10.0	....	......	......
Brush Cr.—Willow Cr.—Fallon	2	1,200	30.0	....	......	......
Brush Cr.—Box Elder Cr.—Fergus	2	360	9.0	....	......	......
Brush Cr.—Rochester Cr.—Madison	1	†	......	....	......	......
Brush Cr.—Savannock Cr.—Mineral	1	100	2.5	....	......	......
Brush Cr.—Bitterroot R.—Ravalli	1	75	1.9	....	......	......
Brush Cr.—Milk R.—Valley	1	200	5.0	....	......	......
Brush Fork—Bear Cr.—Valley		See Bear Creek.				
Brush Hollow—Six Mile Cr.—Powell	3	†300	7.5	....	......	......
Brus Howler—Six Mile Cr.—Powell		See Brush Hollow.				
Bruster Cr. (E. F.)—Rock Cr.—Powell		See Brewster Creek.				
Bryan Lake—Bitterroot R.—Ravalli	1	2,720	68.0	....	......	......
Bryant Cr.—Big Hole R.—Beaverhead	5	3,100	77.5	....	......	......
Bryant Cr.—L. Blackfoot R.—Powell	6	500	12.5	....	......	......
Brynes Cr.—Arrow Cr.—Cascade		See Byrnes Creek.				
Buchannan Coulee—Dry F. Marias R.—Teton	1	200	5.0	....	......	......

F—Federal decree.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Buchannan Cr.—Box Elder Cr.—Fallon	1	1,200	30.0	....	......	......
Buch Coulee—Milk R.—Valley	1	640	16.0	....	......	......
Buchbrush Coulee—Missouri R.—Sheridan	1	800	20.0	....	......	......
Buck Canyon—Cottonwood Cr.—Fergus	1	150	3.8	....	......	......
Buck Coulee—Shonkin Cr.—Chouteau	1	200	5.0	....	......	......
(Main) Buck Cr.—L. Birch Cr.—Chouteau	1	500	12.5	....	......	......
Buck Cr.—Ash Cr.—Custer	2	2,000	50.0	....	......	......
Buck Cr.—Crooked Cr.—Fallon	1	1,000	25.0	....	......	......
Buck Cr.—Pike Cr.—Fergus	2	260	6.5	....	......	......
Buck Cr.—Madison R.—Madison	1	320	8.0	....	......	......
Buck Cr.—St. Regis R.—Mineral	1	10,000	250.0	....	......	......
Buck Cr.—Stillwater R.—Stillwater	1	160	4.0	....	......	......
Buck Cr.—Trail Cr.—Toole	1	100	2.5	....	......	......
Buck Gulch .... Lewis & Clark	1	†100	2.5	....	......	......
Buck Lake .... Valley	1	400	10.0	....	......	......
Buckberry Cr.—L. Pumpkin Cr.—Custer	1	300	7.5	....	......	......
Buck Brush Coulee—Willow Cr.—Cascade	2	300	7.5	....	......	......
Buckeye Cr. .... Missoula	2	500	12.5	....	......	......
Buckeye Gulch—Elk Cr.—Powell	1	150	3.8	....	......	......
Buckhouse Cr.—Bitterroot R.—Missoula	1	100	2.5	....	......	......
Buckhouse Cr.—Bitterroot R.—Ravalli		See Bunkhouse Creek.				
Buckley Coulee—Woody Island Cr.—Blaine.	10	7,000	175.0	....	......	......
W. F. Buckley Coulee—Buckley Cl.—Blaine.	1	800	20.0	....	......	......
Buckley Cr.—E. F. Hardscrabble C.—Dawson	4	1,720	43.0	....	......	......
Buckskin Coulee—Pondera Coulee—Chouteau	1	600	15.0	....	......	......
Bue Cr.—L. Missouri R.—Fallon	1	400	10.0	....	......	......
Buffalo Coulee—Birch Cr.—Hill	1	1,240	31.0	....	......	......
Buffalo Coulee—Milk R.—Valley	4	86,380	2,159.5	....	......	......
Buffalo Cooley Cr. .... Fergus	1	300	7.5	....	......	......
Buffalo Cr.—Big Hole R.—Beaverhead	1	200	5.0	....	......	......
Buffalo Cr.—Grasshopper Cr.—Beaverhead	20	12,820	320.5	....	......	......
Buffalo Cr.—Powder R.—Custer	1	1,000	25.0	....	......	......
Buffalo Cr.—Powder R.—Custer	1	500	12.5	....	......	......
Buffalo Cr.—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
N. F. Buffalo Cr.—Buffalo Cr.—Fallon	1	200	5.0	....	......	......
Buffalo Cr.—O'Fallon Cr.—Fallon	1	500	12.5	....	......	......
Buffalo Cr.—Box Elder Cr.—Fergus	2	500	12.5	....	......	......
Buffalo Cr.—Ross Fork—Fergus		See E. and W. Buffalo Creeks.				
S. F. Buffalo Cr.—Ross Fork—Fergus		See West Buffalo Creek.				
N. F. Buffalo Cr.—Ross Fork—Fergus		See N. F. West Buffalo Creek.				
E. Buffalo Cr.—Ross Fork—Fergus	15	4,580	114.5	....	......	......
W. Buffalo Cr.—Ross Fork—Fergus	26	6,230§	155.8	....	......	......
N. F. W. Buffalo Cr.—W. Buffalo Cr.—Fergus	18	7,856	196.4	....	......	......
Buffalo Cr.—Yellowstone R.—Gallatin	1	500	12.5	....	......	......
Buffalo Cr.—Prickly Pear Cr.—Jefferson	17	†2,670§	66.8	1	F 15	0.4
Buffalo Cr. .... Madison	1	1,500	37.5	....	......	......
Buffalo Cr.—Smith Cr.—Meagher	2	100	2.5	....	......	......
Buffalo Cr.—Nevada Cr.—Powell	8	†3,750§	93.8	....	......	......
Buffalo Cr.—Yellowstone R.—Rosebud	1	500	12.5	....	......	......
Buffalo Cr.—Stillwater R.—Stillwater	1	75	1.9	....	......	......
Buffalo Cr.—Trail Cr.—Toole	1	120	3.0	....	......	......
Buffalo Cr.—Five Mile Cr.—Yellowstone	3	1,080	27.0	....	......	......
Buffalo Cr.—Yellowstone R.—Yellowstone	10	2,400	60.0	....	......	......
E. F. Buffola Cr.—Buffalo Cr.—Yellowstone.		See Buffalo Creek.				
Buffalo Gulch—Lump Gulch—Lewis & C.	1	†..	......	....	......	......
Buffalo Gulch .... Meagher	1	all	......	....	......	......
Buffalo Gulch—Nevada Cr.—Powell		See Buffalo Creek.				
Buffalo Gulch—Missoula Gulch—Silver Bow	7	†900	22.5	....	......	......
Buffalo Bill Cr.—Clark F. Col. R.—Sanders	1	300	7.5	....	......	......
Bugbee Coulee—Marias R.—Teton	1	200	5.0	....	......	......
Buggy Cr.—Sage Cr.—Beaverhead	1	100	2.5	....	......	......
Buggy Cr. Dawson	1	30	0.8	....	......	......
Buggy Cr.—Milk R.—Valley	20	32,680§	817.0	....	......	......
E. Br. Buggy Cr.—Buggy Cr.—Valley	1	400	10.0	....	......	......
W. F. Buggy Cr.—Buggy Cr.—Valley	1	120	3.0	....	......	......
Bulger Cr.—Grasshopper Cr.—Beaverhead	1	320	8.0	....	......	......
Bull Coulee Valley	1	500	12.5	....	......	......
Bull Cr.—Bloody Dick Cr.—Beaverhead	7	2,280	57.0	15	1,238	31.0

F. Federal decree.

†Add to filings amounts not given.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Bull Cr.—Sage Cr.—Beaverhead	3	400	10.0	....	......	......
Bull Cr.—Missouri R.—Blaine	5	680	17.0	....	......	......
W. F. Bull Cr.—Bull Cr —Blaine	1	100	2.5	....	......	......
Bull Cr.—Box Elder Cr.—Fallon	3	1,780	44.5	....	......	......
Bull Cr.—L. Missouri R.—Fallon	1	1,200	3.0	....	......	......
Bull Cr.—Warm Springs Cr.—Fergus	8	1,530§	38.2	....	......	......
E. F. Bull Cr.—Bull Cr.—Fergus		See Fish Creek.				
Bull Cr.—Yellowstone R.—Park	1	500	12.5	....	......	......
Bull Cr.—Tongue R.—Rosebud	3	1,400	35.0	....	......	......
N. F. Bull Cr.—Bull Cr.—Rosebud	1	500	12.5	....	......	......
Bull Cr.—Yellowstone R.—Rosebud	2	1,000	25.0	....	......	......
Bull Cr. Valley	1	200	5.0	....	......	......
Bullard Cr.—Reservation Cr.—Custer	1	500	12.5	....	......	......
Bull Berry Coulee—Teton R.—Chouteau	1	160	4.0	....	......	......
Bull Camp Cr. Jefferson	2	200	5.0	....	......	......
Bull's Head Coulee—Missouri R.—Chouteau	2	220	5.5	....	......	......
Bullhead Cr.—Schultz Coulee—Teton	1	120	3.0	....	......	......
Bullhead Lake—Bullhead Cr.—Teton	1	400	10.0	....	......	......
Bull Hook Cr.—Milk R.—Hill	21	3,624§	90.6	....	......	......
Bullion Gulch—Mill Cr.—Madison	1	400	10.0	....	......	......
Bullis Cr.—Yellowstone R.—Park	3	†60§	1.5	....	......	......
Bull Mountain Cr.—Yellowstone R.—Yellow.	1	400	10.0	....	......	......
Bull Range Coulee—Thirteen Mile Cr.—Daw.	1	80	2.0	....	......	......
Bull Rum Cr.—Crazyhead Cr.—Park	2	260	6.5	....	......	......
Bull Run Cr.—W. Gallatin R.—Gallatin	5	1,270	31.8	....	......	......
Bull Run Cr.—Soup Cr.—Lewis & Clark	3	210	5.2	....	......	......
Bull Run Gulch—Browns Gulch—Silver Bow	13	4,264	106.6	....	......	......
E. Bull Run Gulch—Bull Run Gulch—S. Bow		See Bull Run Gulch.				
Bull Whacker Cr.—Als Cr.—Blaine	2	400	10.0	....	......	......
Bumby Cr.—Jefferson R.—Madison	1	500	12.5	....	......	......
Bummers Draw—L. Missouri R.—Fallon	1	500	12.5	....	......	......
Bundy Coulee—Big Otter Cr.—Cascade	13	1,350	33.8	....	......	......
Bune Cr.—Rattlesnake Cr.—Missoula	1	100	2.5	....	......	......
Bunk House Cr.—Bitterroot R.—Ravalli	1	100	2.5	....	......	......
Bunnell Cr.—Missouri R.—Cascade	1	all	......	....	......	......
Burch Cr.—Bitterroot R.—Ravalli		See Birch Creek.				
Burd Cr.—Willow Cr.—Teton	1	200	5.0	....	......	......
Burdens Gulch—Divide Cr.—Silver Bow	1	100	2.5	....	......	......
Burdette Cr.—E. F. L. Powder R.—Custer	1	500	12.5	....	......	......
Bureson Cr. Custer	1	490	12.2	....	......	......
Burgeas Cr. Cascade	1	200	5.0	....	......	......
Burger Cr.—Bear Cr.—Madison	2	60	1.5	....	......	......
Burke Coulee—Missouri R.—Valley	1	400	10.0	....	......	......
Burk Cr.—Bitterroot R.—Ravalli	1	324	8.1	....	......	......
Burnedshed Coulee—Carpenter Cr.—Mussel.	1	200	5.0	....	......	......
Burnett Cr.—Big Spring Cr.—Fergus	10	1,820	45.5	....	......	......
S. F. Burnett Cr.—Burnett Cr.—Fergus	2	250	6.2	....	......	......
Burnett Coulee—Willow Cr.—Valley	1	1,000	25.0	....	......	......
Burns Cr.—Arrow Cr.—Cascade		See Byrnes Creek.				
Burns Cr.—Yellowstone R.—Dawson	6	3,760	94.0	....	......	......
Burns Cr.—Flint Cr.—Granite	1	†100	2.5	....	......	......
Burnt Fork Cr.—Nine Mile Cr.—Missoula	2	600	15.0	....	......	......
E. F. Burnt F. Cr.—Burnt F. Cr.—Missoula	1	50	1.2	....	......	......
Burnt F. Cr.—Bitterroot R.—Ravalli	38	14,576§	364.4	118	13,404	335.1
N. F. Burnt Fk. Cr.—Burnt F. Cr.—Ravalli	9	3,760	94.0	....	......	......
S. F. of N. F. Burnt F. Cr.—N. F. Burnt F. Cr.—Ravalli	1	200	5.0	....	......	......
S. Br. Burnt F. Cr.—Burnt F. Cr.—Ravalli	5	3,326	83.2	....	......	......
M. Br. Burnt F. Cr.—S. F. Burnt F. Cr.—Rav.	1	100	2.5	....	......	......
Burnt Hollow Cr.—Peterson Cr.—Powell	1	160	4.0	....	......	......
Burnt Run—S. F. Lyons Cr.—Lewis & C.	1	50	1.2	....	......	......
Burnt Shed Coulee—Frenchman Cr.—Valley	3	1,600	40.0	....	......	......
Burnt Willow Cr.—Sage Cr.—Beaverhead	1	160	4.0	....	......	......
Brush F. Burr Cr.—Bear Cr.—Valley		See Brush Fk. of Bear Creek.				
Burrell Coulee—Peoples Cr.—Blaine	1	2,000	50.0	....	......	......
Burrell Cr.—Hughes Cr.—Ravalli		See Burrill Creek.				
Burrill Cr.—Hughes Cr.—Ravalli	5	2,456	61.4	....	......	......
Burt Cr.—Gold Cr.—Granite	1	†all	......	....	......	......
Burton Cr.—Glen Lake—Lincoln	1	160	4.0	....	......	......
Burton Gulch—Bison Cr.—Jefferson	1	200	5.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Burton Gulch Madison	1	10	0.2	....	......	......
Burch Cr.—E. F. Big Spring Cr.—Fergus	1	100	2.5	....	......	......
Busch Cr.—Box Elder Cr.—Fergus	2	320	8.0	....	......	......
Bushaway Cr.—Dry F. Marias R.—Hill		See Bushway Coulee.				
Bush Gulch—Prickly Pear Cr.—Jefferson	1	5	0.1	....	......	......
Bushman Coulee—Dr. F. Marias—Teton	1	200	5.0	....	......	......
Bushway Coulee—Miners Coulee—Toole	2	700	17.5	....	......	......
Bush Cr.—Sheep Cr.—Meagher	4	610	15.2	....	......	......
Butch Cr.—Bloody Dick Cr.—Beaverhead	1	40	1.0	....	......	......
Butcher Cr.—Rosebud R.—Carbon—Stillwater	13	5,054§	126.3	....	......	......
E. F. Butcher Cr.—Butcher Cr.—Carbon	1	75	1.8	....	......	......
W. F. Butcher Cr.—Butcher Cr.—Carbon	4	460	11.5	....	......	......
Butcher Cr.—Flathead R.—Flathead	2	100	2.5	....	......	......
Butcher Gulch—Bison Cr.—Jefferson	1	500	12.5	....	......	......
Butcher Gulch—Alder Cr.—Madison	7	800	20.0	....	......	......
Butcher Gulch—Hail Columbia Gulch—Sil. B.	1	12	0.3	....	......	......
Butcherknife Cr.—Warm Spring Cr.—Fergus	1	200	5.0	....	......	......
Butler Cr.—Ruby Cr.—Beaverhead	8	38,258	956.8	....	......	......
Butlers Cr.—Whitefish Cr.—Flathead	1	200	5.0	....	......	......
Butlers Cr.—Missoula R.—Missoula	6	5,900	147.5	....	......	......
Butt Cr.—Dry F. Marias R.—Teton	1	10	0.2	....	......	......
E. Butte Coulee—Wayne Cr.—Blaine	1	1,000	25.0	....	......	......
Butte Coulee—Missouri R.—Richland	1	240	6.0	....	......	......
Butte Coulee—Sand Cr.—Rosebud	1	500	12.5	....	......	......
Butte Coulee—Shot Gun Cr.—Sheridan	1	1,728	43.2	....	......	......
Butte Coulee—B. Cottonwood Cr.—Valley	1	200	5.0	....	......	......
Butte Coulee—Martin Cr.—Valley	1	20,000	500.0	....	......	......
Butte Coulee—Willow Cr.—Valley	1	320	8.0	....	......	......
Butte Cr.—Junction Cr.—Beaverhead	7	†1,200	30.0	....	......	......
Butte Cr.—Snake Cr.—Blaine	1	100	2.5	....	......	......
Butte Cr.—Arrow Cr.—Chouteau	3	750	18.8	....	......	......
Butte Cr.—L. Powder R.—Custer	1	100	2.5	....	......	......
Butte Cr., T. 1, S., 53 E.—Powder R.—Custer	7	12,520	313.0	....	......	......
Butte Cr., T. 3 S., 52 E.—Powder R.—Custer	1	1,000	25.0	....	......	......
Butte Cr., T. 6 S., 50 E.—Powder R.—Custer	1	400	10.0	....	......	......
S. F. Butte Cr.—Butte Cr.—Custer	1	‡..	......	....	......	......
E. F. Butte Cr.—Butte Cr.—Custer	1	1,000	25.0	....	......	......
Butte Cr. Dawson	1	10,000	250.0	....	......	......
Butte Cr.—L. Beaver Cr.—Fallon	1	200	5.0	....	......	......
Butte Cr.—L. Missouri—Fallon	2	1,600	40.0	....	......	......
N. Butte Cr.—Camp Cr.—Fallon	2	3,000	75.0	....	......	......
S. F. Butte Cr.—Butte Cr.—Fallon	3	6,000	150.0	....	......	......
Butte Cr.—L. Missouri R.—Fallon	2	1,300	32.5	....	......	......
W. F. Butte Cr.—Butte Cr.—Fallon	1	2,000	50.0	....	......	......
Butte Cr.—Timber Cr.—Fallon	1	500	12.5	....	......	......
Butte Cr.—Ford's Cr.—Fergus	1	500	12.5	....	......	......
Butte Cr.—Birch Cr.—Meagher	1	100	2.5	....	......	......
Butte Cr.—Rock Cr.—Meagher	1	200	5.0	....	......	......
Butte Cr.—Sheep Cr.—Meagher	2	300§	7.5	....	......	......
Butte Cr.—Sarpy Cr.—Rosebud	1	200	5.0	....	......	......
Butte Cr.—Tongue R.—Rosebud	1	600	15.0	....	......	......
Butte Cr.—Sawmill Cr.—Rosebud	1	3,000	75.0	....	......	......
Butte Cr.—N. F. Sunday Cr.—Rosebud	1	800	20.0	....	......	......
Butte Cr.—Yellowstone R.—Rosebud	1	500	12.5	....	......	......
Butte Cr.—Poplar R.—Sheridan	1	8	0.2	....	......	......
Butte Cr.—E. F. Fiddler Cr.—Stillwater	1	100	2.5	....	......	......
Butte Cr.—Willow Cr.—Toole	1	100	2.5	....	......	......
Butte Coyote Cr.—Judith R.—Fergus	1	300	7.5	....	......	......
Butte E. Coulee—Dry F. Marias—Teton	2	400	8.0	....	......	......
Butte Gulch—Missoula Gulch—Silver Bow	1	all	......	....	......	......
Butte Lake—Yellowstone—Park		See Soda Butte Creek.				
Butter Cr.—Nine Mile Cr.—Missoula	7	4,868§	121.7	....	......	......
Buttermilk Cr.—Red Rock R.—Beaverhead	1	1,000	25.0	....	......	......
Buttermilk Cr.—Powder R.—Custer	1	10,000	250.0	....	......	......
Butte Valley Cr.—Blacktail Cr.—Silver Bow	1	all	......	....	......	......
Butte West Coulee—Dry F. Marias R.—Teton	2	400	10.0	....	......	......
Buttler's Lake—Ten Mile Cr.—Lewis & C.	1	†	......	....	......	......
Buttolph Cr.—N. F. Sun R.—Lewis & Clark	2	200	5.0	....	......	......
Byman Spring Coulee—Pondera Cl.—Teton	3	700	17.5	....	......	......

‡48.56 acre feet.

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Byrd Cr.—N. F. Rock Cr.—Meagher	2	300	7.5	....	......	......
Byrnes Cr.—Arrow Cr.—Cascade	17	3,766§	94.2	....	......	......
Byson Cr.—Boulder R.—Jefferson		See Bison Creek.				
Bywater's Coulee—Box Elder Cr.—Cascade	1	300	7.5	....	......	......
C						
Cabin Cooley—W. Buffalo Cr.—Fergus	1	160	4.0	....	......	......
Cabin Coulee—Antelope Cr.—Valley	1	400	10.0	....	......	......
Cabin Coulee—Missouri R.—Valley	2	1,200	30.0	....	......	......
Cabin Cr.—Big Sheep Cr.—Beaverhead	5	1,620	40.5	....	......	......
Cabin Creek—Pumpkin Cr.—Custer	1	500	12.5	....	......	......
Cabin Cr.—Box Elder Cr.—Custer	2	900§	22.5	....	......	......
Cabin Cr.—Yellowstone R. Fallon Custer Dawson	8	†5,224§	130.6	....	......	......
N. F. Cabin Cr.—Cabin Cr.—Custer	1	1,000	25.0	....	......	......
Cabin Cr.—Nevada Cr.—Deer Lodge	1	50	1.2	....	......	......
Cabin Cr.—Burnt Fork Cr.—Missoula	1	200	5.0	....	......	......
Cabinet Cr.—Kootenai R.—Missoula	1	150	3.8	....	......	......
Cabin Gulch—Boulder R.—Jefferson	3	4,250	106.2	....	......	......
South Cabin Gulch—Missouri R.—Broadwater	1	100	2.5	....	......	......
Cabin Gulch—Yellowstone R.—Park	1	100	2.5	....	......	......
Cabin Gulch (Cr)—Sheep Cr.—Meagher	3	900	22.5	....	......	......
Cable Cr.—Wm. Spring Cr.—Deer Lodge	9	†6,925§	173.1	....	......	......
Cable Cr.—Bear Cr.—Flathead	1	400	10.0	....	......	......
Cache Coulee—Little Otter Cr.—Cascade	1	100	2.5	....	......	......
Cache Cr.—Rosebud R.—Big Horn	4	†650	16.2	....	......	......
Cache Cr.—Powder R.—Custer	4	2,800§	70.0	....	......	......
Cache Gulch—Basin Cr.—Silver Bow	1	50	1.2	....	......	......
Cactus Coulee—Cottonwood Cr.—Chouteau	1	150	3.8	....	......	......
Cactus Cr.—Little Missouri R.—Fallon	2	1,500	37.50	....	......	......
Cadatte Cr.—Big Blackfoot R.—Lewis & C.	1	200	5.0	....	......	......
Cadman Slough—Madison R.—Gallatin	1	1,000	25.0	....	......	......
Cage Coulee—S. F. Pondera Cr.—Teton	1	400	10.0	....	......	......
Caghey Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Cain Cr.—N. F. Musselshell R.—Meagher	1	50	1.2	....	......	......
Cairo Coulee—Missouri R.—Chouteau	2	12,000	300.0	....	......	......
Cala Gulch—Eustache Cr.—Missoula		See California Gulch.				
Calahan Cr.—Kootenai R.—Lincoln		See Callahan Creek.				
Calbraith Coulee—Judith R.—Fergus	1	100	2.5	....	......	......
Cald Eell Cr.—Missoula R.—Missoula	1	†..	......	....	......	......
Cales Cr.—Madison R.—Madison	1	†..	......	....	......	......
Calf Coulee—Half Breed Cr.—Toole	1	100	2.5	....	......	......
Calf Cr.—Bull Cr.—Blaine	1	50§	1.2	....	......	......
Calf Cr.—Musselshell R.—Dawson	4	1,050	26.2	....	......	......
Calf Cr.—Sheep Cr.—Meagher	1	500	12.5	....	......	......
Calf Gulch—Modesty Cr.—Deer Lodge	1	50	1.2	....	......	......
Calf Gulch—Three Mile Cr.—Lewis & Clark	1	40	1.0	....	......	......
Calhoun Coulee—Red R.—Teton	1	200	5.0	....	......	......
California Cr.—Harris Cr.—Madison	2	†250	6.2	....	......	......
California Gulch Cr.—French Gl.—Silver Bow	12	2,480	62.0	....	......	......
California Gulch—Confederate Gl.—B'water.		See Boulder Creek.				
California Gulch—Eustache Gulch—Missoula	5	†850	21.2	....	......	......
California Gulch—Harris Cr.—Madison		See California Creek.				
California Gulch—Washington G.—Powell	3	†......	......	1	250	6.2
California Slough—Beaverhead R.—Madison.	1	1,500	37.5	1	100	2.5
*Callahan Cr.—Kootenai R.—Lincoln	11	†104,820§	2,620.5	....	......	......
Callaway Cr. Madison	1	320	8.0	....	......	......
Callihan Cr.—Kootenai R.—Lincoln		See Callahan Creek.				
Calumet Cr.—Sand Cr.—Silver Bow	1	150	3.8	....	......	......
Calvert Cr.—Big Hole R.—Deer Lodge	1	800	20.0	....	......	......
Calvain Cr.—Boulder R.—Jefferson	1	50	1.2	....	......	......
Camas Cr.—Smith R.—Meagher	15	†7,840§	196.0	....	......	......
Camas Cr.—Union Cr.—Missoula	3	550	13.8	‡8	350	8.8
Camas Cr.—Bitterroot R.—Ravalli	13	†8,245§	206.1	16	1,235	30.9
S. F. Camas Cr.—Camas Cr.—Ravalli	1	2,000	50.0	....	......	......

‡Findings of fact.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Camas Cr.—Flathead R.—Sanders	15	30,270§	756.8	....	......	......
N. F. Camas Cr.—Camas Cr.—Sanders	1	160	4.0	....	......	......
S. F. Camas Cr.—Camas Cr.—Sanders	1	300	7.5	....	......	......
Camas Trail Cr.—Hell Gate R.—Missoula	4	†500	12.5	....	......	......
E. Camas Trail Cr.—Camas T. Cr.—Missoula	1	†..	......	....	......	......
Cambric Cr.—Warm Spring Cr.—Fergus	3	210	5.2	....	......	......
Cameron Coulee—Warm Spring Cr.—Fergus	1	1,000	25.0	....	......	......
Cameron Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Cameron Cr.—Little Pumpkin Cr.—Custer	1	400	10.0	....	......	......
Cameron Cr.—Daisy Dean Cr.—Meagher	1	150	3.8	....	......	......
Cameron Cr.—Birch Cr.—Meagher	1	†..	......	....	......	......
Cameron Cr.—Pole Cr.—Musselshell	10	2,710	67.8	....	......	......
Cameron Cr.—E. F. Bitterroot R.—Ravalli	9	2,754§	68.8	....	......	......
Cameron Cr.—Sweetgrass R.—Sweetgrass	1	200	5.0	....	......	......
S. F. Cameron Cr.—Cameron Cr.—Sweetgrass	1	200	5.0	....	......	......
Cameron's Lake—McLaughlin Cr.—Toole	1	400	10.0	....	......	......
Campbell Cr.—Kootenai R.—Lincoln	5	1,820	45.5	....	......	......
Campbell Cr. Meadow Cr.—Meagher	1	160	4.0	....	......	......
Campbell Cr.—Bitterroot R.—Ravalli	4	400§	10.0	....	......	......
Campbell Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Camp Cr.—Bloody Dick Cr.—Beaverhead	1	130	3.2	....	......	......
Camp Cr.—Rock Cr.—Blaine	8	3,540	88.5	....	......	......
Camp Cr.—Big Horn R.—Carbon	3	350	8.75	....	......	......
N. F. Camp Cr.—Camp Cr.—Carbon	1	100	2.5	....	......	......
Camp Cr.—Encampment Cr.—Cascade	1	160	4.0	....	......	......
M. F. Camp Cr.—Camp Cr.—Cascade	1	100	2.5	....	......	......
W. F. Camp Cr.—Camp Cr.—Cascade	1	120	3.0	....	......	......
Camp Cr.—Duck Cr.—Chouteau	4	1,200	30.0	....	......	......
S. F. Camp Cr.—Camp Cr.—Chouteau	1	80	2.0	....	......	......
Camp Cr.—Pumpkin Cr.—Custer	2	†520§	13.0	....	......	......
Camp Cr.—Yellowstone R.—Custer	5	2,500§	62.5	....	......	......
Camp Cr.—Little Missouri R.—Fallon	1	880	22.0	....	......	......
Camp Cr.—Little Missouri R.—Fallon	2	1,000§	25.0	....	......	......
Camp Cr.—E. Gallatin Cr.—Gallatin	1	100	2.5	....	......	......
Camp Cr.—Meadow Cr.—Gallatin	1	500	12.5	....	......	......
Camp Cr.—W. Gallatin R.—Gallatin	13	†21,409§	535.2	4	1,102	27.6
Camp Cr.—Flint Cr.—Granite	2	75	1.9	....	......	......
M. F. Camp Cr.—Camp Cr.—Jefferson	1	300	7.5	....	......	......
Camp Cr.—Lake Cr.—Lincoln	3	680	17.0	....	......	......
Camp Cr.—Yakt R.—Lincoln	1	200	5.0	....	......	......
Camp Cr.—Big Hole R.—Madison and Silver Bow	38	†4,725§	118.1	41	1,630	40.8
Camp Cr.—Sixteen Mile Cr.—Meagher	1	100	2.5	....	......	......
Camp Cr.—Missoula R.—Missoula	1	500	12.5	....	......	......
Camp Cr.—Nine Mile Cr.—Missoula	2	800	20.0	....	......	......
Camp Cr.—Shields R.—Park	2	200	5.0	....	......	......
Camp Cr.—Nevada Cr.—Powell	9	†250	6.1	....	......	......
Camp Cr.—E. F. Bitterroot R.—Ravalli	6	1,190§	29.8	....	......	......
E. F. Camp Cr.—Camp Cr.—Ravalli	1	1,000	25.0	....	......	......
Camp Cr.—W. F. Bitterroot R.—Ravalli	1	100	2.5	....	......	......
Camp Cr.—White Beaver Cr.—Sweetgrass	1	200	5.0	....	......	......
Camp Cr.—Yellowstone R.—Sweetgrass	2	600	15.0	....	......	......
Camp Cr.—Yellowstone R.—Yellowstone	4	930	26.2	....	......	......
Camp Cr.—Red Rock R.—Madison	2	500	12.5	....	......	......
Camp Ditch—Otter Cr.—Sweetgrass	1	†..	......	....	......	......
Camp Gulch—Careless Cr.—Meagher	1	10	.2	....	......	......
Camp Keno Gulch—Elk Cr.—Deer Lodge	2	540	13.5	....	......	......
Camus Cr.—Bitterroot R.—Ravalli		See Camas Creek.				
Canada Cr.—Fish Cr.—Silver Bow	1	†	......	....	......	......
Canadian Coulee—Red R.—Teton	1	400	10.0	....	......	......
Canadian Cr.—Milk R.—Hill	2	600§	15.0	....	......	......
Canadian Cr.—Norwegian Cr.—Madison	6	1,080	27.0	....	......	......
Canadian Gulch—Quartz Cr.—Missoula	1	†..	......	....	......	......
C. and D. Coulee—Cottonwood Cr.—Hill	1	1,000	25.0	....	......	......
Cannoe Cr.—Kootenai R.—Lincoln	1	100	2.5	....	......	......
Cannon Cr.—Bull Cr.—Rosebud		See Canyon Creek.				
Canon Cr.—Buggy Cr.—Valley		See Canyon Creek.				
Canon Cr.—E. Gallatin R.—Gallatin	1	†..	......	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Canon Cr.—Flint Cr.—Granite	4	†..	......	....	......	......
Canon Cr.—L. Prickly Pear Cr.—Lewis & C.		See	Canyon	Creek.		
Canon Cr.—Sheep Cr.—Meagher	3	620	15.5	....	......	......
Canon Cr.—Shields R.—Park	9	1,890	47.2	14	1,418	35.4
M. F. Canon Cr.—Canon Cr.—Park	1	160	4.0	....	......	......
W. F. Canon Cr.—Canon Cr.—Park	2	480	12.0	....	.....	......
Canon Cr.—Yellowstone R.—Park	4	†900	22.5	....	......	... ..
Canon Cr.—Bull Cr.—Rosebud		See	Canyon	Creek.		
Canon Cr.—S. Miners Coulee—Toole	2	180	4.5	....	......	...
Canty Coulee—Milk R.—Valley	1	120	3.0	....	......	.....
Canxas Cr.—Bitterroot R.—Ravalli		See	Camas	Creek.		
Canyon Basin—Bird Tail Cr.—Cascade	1	400	10.0	....	.....	......
Canyon Cr.—Big Hole R.—Beaverhead	19	10,320	258.0	....	......	......
Canyon Cr.—Bull Cr.—Big Horn-Rosebud	9	5,100	127.5	....	......	.....
N. F. Canyon Cr.—Canyon Cr.—Big Horn and Rosebud	2	400	10.0	....	......	... ..
S. F. Canyon Cr.—Canyon Cr.—Big Horn and Rosebud	2	400	10.0	....	......	......
W. F. Canyon Cr.—Canyon Cr.—Big Horn and Rosebud	1	1,000	25.0	....	......	......
Canyon Cr.—Dry Cr.—Broadwater	1	†..	......	....	......	......
Canyon Cr.—Missouri R.—Chouteau	1	250	6.2	....	......	......
Canyon Cr.—Powder R.—Custer	1	300	7.5	....	......	......
Canyon Cr.—Judith R.—Fergus	1	200	5.0	....	......	......
S. F. Canyon Cr.—Canyon Cr.—Flathead	2	5,000	125.0	....	......	......
Canyon Cr.—Flint Cr.—Granite		See	Canon	Creek.		
Canyon Cr.—Boulder R.—Jefferson	2	500	12.5	....	......	......
S. F. Canyon Cr.—Canyon Cr.—Jefferson	1	300	7.5	....	......	......
Canyon Cr.—Little Prickly Pear—L. & Clark	25	†25,606§	640.2	....	......	......
Canyon Cr.—S. F. Musselshell R.—Meagher	3	750	18.8	....	......	......
Canyon Cr.—Sixteen Mile Cr.—Meagher	1	100	2.5	1	50	1.2
Canyon Cr.—Missoula R.—Missoula	1	200	5.0	....	......	......
Canyon Cr.—Shields R.—Park		See	Canon	Creek.		
Canyon Cr.—Bitterroot R.—Ravalli	16	†9,990§	‡250.0	37	1,399	35.0
Canyon Cr.—Stillwater R.—Stillwater	2	250	6.2	1	†50	1.2
Canyon Cr.—Yellowstone R.—Stillwater and Yellowstone.	10	3,310§	83.0	....	......	......
Canyon Cr.—Swift Current Cr.—Teton	1	2,000	50.0	....	......	......
Canyon Cr.—Buggy Cr.—Valley	1	320	8.0	....	......	......
Canyon Cr.—Bison Cr.—Jefferson	1	150	3.8	....	......	......
Captain Nelse's Coulee—Teton R.—Chouteau	1	80	2.0	....	......	......
Cap Wallace's Gulch. Deer Lodge	1	†	......	....	......	......
Careless Cr.—Musselshell R.—Meagher	83	† 36,265§	906.6	11	1,930	48.2
E. F. Careless Cr.—Careless Cr.—Meagher	4	640	16.0	....	......	......
W. F. Careless Cr.—Careless Cr.—Meagher	15	3,110§	77.8	....	......	......
Cariboo Gulch—Deer Lodge—Powell	6	.. 1,290§	32.2	....	......	......
Caribou Gulch—Deer Lodge R.—Powell		See	Cariboo	Gulch.		
Carlberg Coulee—Missouri R.—Chouteau	1	†	......	....	......	......
Carles Coulee. Chouteau	1	80	2.0	....	......	......
Carleton's Cr.—Bitterroot R.—Missoula	18	†4,099§	102.5	32	3,757	93.9
Carlisle Cr.—Ross Fork—Fergus		See	Carlyle	Creek.		
Carlson Cr.—Pilgrim Cr.—Sanders	1	160	4.0	....	......	......
Carlyle Cr.—Ross Fork—Fergus	8	1,600	40.0	....	......	......
Carmichael Cr.—Willow Cr.—Madison	1	320	8.0	....	......	......
Carnal Coulee—Milk R.—Hill	1	120	3.0	....	......	......
Carnes Cr.—Rattlesnake Cr.—Beaverhead	2	380	9.5	....	......	......
Carney Cr.—Little Beaver Cr.—Fallon	1	1,000	25.0	....	......	......
Carpenter Cr.—Belt Cr.—Cascade	7	†13,600	340.0	....	......	......
Carpenter Cr.—Mill Cr.—Madison	1	40	1.0	....	......	......
Carpenter Cr.—Musselshell R.—Musselshell	3	1,300	32.5	....	......	......
Carpenter Cr.—Currant Cr.—Musselshell	1	160	4.0	....	......	......
Carpenter Gulch—Ophir Gulch—Powell	13	†2,600§	65.0	....	......	......
Carpp's Cr.—Big Hole R.—Silver Bow	4	5,000	125.0	....	......	......
Carr Brook—W. Alkali Cr.—Blaine	1	140	3.5	....	......	......
Carr Cr.—Judith R.—Fergus	2	350	8.8	....	......	......
Carrie Cr—Box Elder Cr.—Fallon	2	5,200	130.0	....	......	......
Carrol Coulee—Missouri R.—Fergus	1	400	10.0	....	......	......
Carrol Cr.—Dodge Cr.—Lincoln	1	80	2.0	....	......	......

‡Add one filing of 2,000 acre feet.
†Add to filings amounts not given.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Carrol Cr.—Sinclair Cr.—Lincoln	1	119	3.0	....	......	......
Carrol Cr.—Beaver Cr.—Powell	1	†	......	....	......	......
Carrol Cr.—Half Breed Cr.—Toole	1	400	10.0	....	......	......
Carroll Coulee—Alkali Cr.—Valley	3	1,800	45.0	....	......	......
Carroll Coulee—Frenchman Cr.—Valley	1	2,000	50.0	....	......	......
Carroll Cr.—Beaver Cr.—Jefferson	1	†	......	....	......	......
Carten Cr.—Hell Gate R.—Powell	8	1,080	27.0	....	......	......
Carter Cr.—Beaverhead R.—Beaverhead and Madison	9	3,190	79.8	....	......	......
Carter Cr.—Missouri R.—Cascade	1	40	1.0	....	......	......
Carter Cr.—Hell Gate R.—Powell		See Carten Creek.				
Carter Gulch—Russel Cr.—Fallon	1	250	6.2	....	......	......
Carter Lake—Rattlesnake Cr.—Missoula		See Rattlesnake Creek.				
Carthra Cr.—Big Otter Cr.—Cascade	1	200	5.0	....	......	......
Cartwright Coulee—Birch Cr.—Teton	5	2,600	65.0	....	......	......
Casey Cr.—Willow Cr.—Meagher	2	100§	2.5	....	......	......
Casey's Falls ... Teton	1	600	15.0	....	......	......
Casar Lake—Dry Lake—Toole	1	400	10.0	....	......	......
Cascade Brook—Dearborn—Lewis & Clark	1	100	2.5	....	......	......
Cascade Coulee—Muddy Cr.—Cascade	1	400	10.0	....	......	......
Cascade Cr.—Junction Cr.—Beaverhead	3	†320	8.0	....	......	......
Cascade Cr.—Madison R.—Madison	1	100	2.5	....	......	......
Cascade Cr.—Miner's Coulee—Toole	1	100	2.5	....	......	......
Cascade Gulch Cr. ... Jefferson	1	50	1.2	....	......	......
Caselberg Coulee—Milk R.—Blaine	1	500	12.5	....	......	......
Cash Coulee—Cash Cr.—Valley	2	1,100	27.5	....	......	......
Cash Cr.—Elk Cr.—Powell	1	†	......	....	......	......
Cash Cr.—Rock Cr.—Valley	6	4,880§	122.0	....	......	......
E. F. Cash Cr.—Cash Cr—Valley	1	2,000	50.0	....	......	......
M. F. Cash Coulee—Cash Cr.—Valley	1	600	15.0	....	......	......
Cashman Coulee—Teton R.—Teton	3	2,200	55.0	....	......	......
Casino Cr.—Big Spring Cr.—Fergus	15	†3,970§	99.2	....	......	......
Castle Butte—Casino Cr.—Fergus	5	750	18.8	....	......	......
Castle Cr.—Powder R.—Custer	1	†	......	....	......	......
Castle Cr.—S. F. Musselshell R.—Meagher	2	100	2.5	....	......	......
Castle Cr.—Nevada Cr.—Powell	3	†	......	1	20	0.5
Castle Cr.—Limestone Cr.—Stillwater	1	25	0.6	....	......	......
Castle Cr.—Boulder R.—Sweetgrass	1	150	3.8	....	......	......
Castle Cr.—Sun R.—Teton	1	160	4.0	....	......	......
Castner's Coulee Cr.—Belt R.—Cascade	1	100	2.5	....	......	......
Castner's Coulee—Missouri R.—Cascade	7	†1,060§	26.5	....	......	......
Caswell Coulee—Rosebud R.—Rosebud	1	50	1.2	....	......	......
Cat Coulee—Missouri R.—Chouteau	1	4,000	100.0	....	......	......
Cat Creek—Rattlesnake Cr.—Beaverhead	3	1,280	32.0	....	......	......
Cat Creek—Eagle Cr.—Chouteau	1	200	5.0	....	......	......
Cat Creek—Cottonwood Cr.—Fergus	3	800	20.0	....	......	......
N. Catamount Cr.—Box Elder Cr.—Fallon	1	1,200	30.0	....	......	......
Catani Coulee—Snake Cr.—Blaine	1	400	10.0	....	......	......
Cataract Cr.—Rattlesnake Cr.—Beaverhead	1	320	8.0	....	......	......
Cataract Cr.—Boulder R.—Jefferson	47	†40,378§	1,009.7	....	......	......
E. F. Cataract Cr.—Cataract Cr.—Jefferson	2	400	10.0	....	......	......
N. F. Cataract Cr.—Cataract Cr.—Jefferson	1	200	5.0	....	......	......
W. F. Cataract Cr.—Cataract Cr.—Jefferson	1	150	3.8	....	......	......
Cataract Cr.—North Willow Cr.—Madison	12	6,428	160.7	....	......	......
Cataract Cr.—Vermillion Cr.—Sanders	1	1,000	25.0	....	......	......
Cataract Cr.—Yellowstone R.—Park	2	800	20.0	....	......	......
Cater's Cr. ... Jefferson	1	†	......	....	......	......
Catherine Cr.—Elder Cr.—Sheridan	1	240	6.0	....	......	......
Catract Cr.—N. Willow Cr.		See Cataract Creek.				
Cattle Pass Cr.—Beaver Cr.—Valley	2	1,500	37.5	....	......	......
Cattron Cr.—Rock Cr.—Park	.	....	......	2	50	1.2
Cavanaugh Gulch—Potter Cr.—Park		See Kavanaugh Gulch.				
Cave Coulee—Deep Cr.—Teton	1	10	0.2	....	......	......
Cave Cr.—Blacktail Deer Cr.—Beaverhead	2	280	7.0	....	......	......
Cave Cr.—Rattlesnake Cr.—Beaverhead	1	200	5.0	1	200	5.0
Cave Gulch—Missouri R.—Lewis & Clark	7	†262§	6.5	....	......	......
Cave Gulch ... Deer Lodge	1	60	1.5	....	......	......
Cayota Gulch ... Lewis & Clark	1	50	1.2	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Cayuse Basin Cr.—Antelope Cr.—Fergus....	2	300	7.5	....	......	......
Cayuse Cr.—Cedar Cr.—Missoula	2	†1,600	40.0	....	......	......
N. Br. of Cayuse Cr.—Cayuse Cr.—Missoula	1	100	2.5	....	......	......
Cayuse Cr.—Limestone Cr.—Stilwater	1	1,000	25.0	....	......	......
Cayuse Cr.—Sweetgrass Cr.—Sweetgrass ...	7	560	14.0	6	778	19.4
Cayuse Cr.—Duck Cr.—Sweetgrass	..	....	......	1	80	2.0
Cayuse Gulch .... Granite	1	†	......	....	......	......
Cayuse Gulch—Ophir Gulch—Lewis & Clark	1	100§	2.5	....	......	......
Cayuse Gulch—Nevada Cr.—Powell	6	†510§	12.8	....	......	......
Cedar Brook—Sand Cr.—Carbon	1	40	1.0	....	......	......
Cedar Butte Cr.—Little Porcupine Cr.—R'bud	1	200	5.0	....	......	......
Cedar Coulee—Musselshell R.—Dawson	2	489	12.2	....	......	......
Cedar Coulee—Yellowstone R.—Rosebud	1	100	2.5	....	......	......
Cedar Coulee—Little Muddy Cr.—Sheridan..	3	1,600	40.0	....	......	......
Cedar Cr.—Beaverhead R.—Beaverhead	1	200	5.0	....	......	......
Cedar Cr.—Rattlesnake Cr.—Beaverhead	1	120	3.0	....	......	......
Cedar Cr.—Powder R.—Custer	3	4,100	102.5	....	......	......
Cedar Cr... .... Custer	4	2,600	65.0	....	......	......
Cedar Cr.—Cherry Cr.—Dawson	3	4,100	102.5	....	......	......
Cedar Cr.—Yellowstone R....... Wibaux Fallon Dawson	1	120	3.0	....	......	......
Cedar Cr.—Spring Cr.—Fallon	1	300	7.5	....	......	......
Cedar Cr.—Flathead R.—Flathead	2	1,200§	30.0	....	......	......
Cedar Cr.—Kootenai—Lincoln	4	1,350	33.8	....	......	......
Cedar Cr.—Bear Cr.—Madison	16	8,340	208.5	....	......	......
Cedar Cr.—Missoula R.—Mineral	35	†38,210§	955.2	....	......	......
S. F. Cedar Cr.—Cedar Cr.—Mineral	1	5	.1	....	......	......
Cedar Cr.—Nine Mile Cr.—Missoula	2	800	20.0	....	......	......
Cedar Cr.—Yellowstone R.—Park	10	1,925	48.1	....	......	......
Cedar Cr.—Big Lake—Stillwater	22	16,160§	404.0	....	......	......
Main Fork Cedar Cr.—Big Lake—Stillwater.		See Cedar Creek.				
S. F. Cedar Cr.—Cedar Cr.—Stillwater	1	200	5.0	....	......	......
Cedar Cr.—Otter Cr.—Sweetgrass	1	200	5.0	....	......	......
Cedar Gulch—Yellowstone R.—Yellowstone..	1	50	1.2	....	......	......
Cedar Hollow Cr.—South Boulder—Madison.	12	†2,125§	53.1	....	......	......
Cedar Swamp Cr.—Tobacco R.—Lincoln		See Sinclair Creek.				
Cement Cr.—Trout Cr.—Mineral		See Cement Gulch.				
Cement Gulch—Confederate Gulch—B'water.	3	†	......	....	......	......
Cement Gulch—Trout Cr.—Mineral	3	4,000	100.0	....	......	......
Cemetery Cr.—Rosebud R.—Rosebud	1	200	5.0	....	......	......
Centennial Coulee—Sage Cr.—Chouteau	1	4,000	100.0	....	......	......
Centennial Cr. .... Deer Lodge	1	†	......	....	......	......
Center Coulee ....Valley	1	1,728	43.2	....	......	......
Center Cr.—Sage Cr.—Beaverhead	1	48,000	1,200.0	....	......	......
Centipede Cr.—Flathead Lake—Flathead	1	150	3.8	....	......	......
Central Canyon Cr.—Red Rock R.—B'head..	2	2,320	58.0	....	......	......
Central Cr.—Red Rock R.—Beaverhead	1	100	2.5	....	......	......
Central Cr.—Alder Cr.—Madison	1	†	......	....	......	......
Central Gulch—Buffalo Gulch—Jefferson ...	1	†	......	....	......	......
Chadell Cr.—Box Elder Cr.—Fallon	1	1,000	25.0	....	......	......
Chaffin Cr.—Willow Cr.—Carbon	1	500	12.5	....	......	......
Chaffin Cr.—Bitterroot R.—Ravalli	5	720§	18.0	....	......	......
Chalk Butte Coulee—B. Muddy Cr.—Sheridan	1	1,000	25.0	....	......	......
Chamber's Creek ....Valley	1	1,200	30.0	....	......	......
Chamberlain Cr.—L. Beaver Cr.—Fallon	2	400	10.0	....	......	......
Chamberlain Cr.—Alkali Cr.—Fergus	2	520	13.0	....	......	......
Chamberlain Cr.—Big Blackfoot R.—Powell.	3	1,700	42.5	....	......	......
Chamoise Cr. .... Deer Lodge	1	400	10.0	....	......	......
Champion Cr.—Brown's Gulch—Deer Lodge.	1	1,000	25.0	....	......	......
Champaign Cr.—Blue Cloud Cr.—L. & Clark	1	200	5.0	....	......	......
Champayne Gulch—B. Cloud Cr.—Lewis & C.	1	†	......	....	......	......
Chance Cr.—Box Elder Cr.—Fallon.........	1	1,200	30.0	....	......	......
Chance W. Cr.—Little Missouri R.—Fallon..	1	†	......	....	......	......
Chapman Coulee—Milk R.—Valley	1	400	10.0	....	......	......
Chappo Cr. Custer	1	1,000	25.0	....	......	......
Charcoal Cr.—Rock Cr.—Granite............	1	50	1.2	....	......	......
Charcoal Cr. Madison	3	175	4.4	....	......	......

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Charcoal Cr.—Big Hole R.—Silver Bow	4	†860	21.5	....	......	......
R. Fork Charcoal Cr.—Charcoal C.—Sil. Bow		See Charcoal Creek.				
Charity Gulch—Crow Cr.—Jefferson	1	†	......	....	......	......
Chas. Anderson's Gulch—Spr. Cr.—Jefferson	1	75	1.9	....	......	......
Charles Cr. Custer	1	500	12.5	....	......	......
Charles Cr.—Big Indian Gulch—Jefferson	1	200	5.0	....	......	......
Charles Cr.—Big Cr.—Ravalli	1	200	5.0	....	......	......
E. F. Charles Cr.—Charles Cr.—Ravalli	1	100	2.5	....	......	......
Charley Cr.—M. F. Blacktail Deer Cr.—Beav.	1	80	2.0	....	......	......
Charley's Cr.—Flathead R.—Flathead	1	80	2.0	....	......	......
Charley Smith Garden Coulee—Missouri R. Sheridan	1	2,000	50.0	....	......	......
Charley's Gulch—Willow Cr.—Ravalli	2	140	3.5	....	......	......
Charlie Cr.—Missouri R.—Richland	4	3.820	95.5	....	......	......
East Charlie Cr.—Charlie Cr.—Richland	5	8,684§	217.1	....	......	......
W. F. of Charlie Cr.—Charlie Cr.—Richland	3	7,174	179.3	....	......	......
W. F. of W. Br. of Charlie Cr.—W. B. of Charlie Cr.—Richland	1	1,594	39.9	....	......	......
Charlo Cr.—Bitterroot R.—Ravalli		See McKellar Creek.				
Charlton Slough—Beaverhead R.—Madison	1	500	12.5	....	......	......
Charters Cr.—Little Beaver Cr.—Fallon	1	200	5.0	....	......	......
Chase Coulee—Dry Lake—Teton	1	300	7.5	....	......	......
Chase Hill Coulee—Mission R.—Chouteau	2	12,500	312.5	....	......	......
*Checkerboard Cr.—N. F. Mussel R.—Meagh.	11	6,450	161.2	....	......	......
Chelsea Gulch—Silver Bow Cr.—Silver Bow	1	100	2.5	....	......	......
Cheny Coulee—Willow Cr.—Cascade	1	150	3.8	....	......	......
Cheny Cr.—Big Hole R.—Beaverhead		See Cherry Creek.				
Chereete Cr.—Bitterroot R.—Ravalli		See Sharratt Creek.				
Cherry Coulee—Missouri R.—Chouteau	2	400	10.0	....	......	......
E. Br. of Cherry Coulee—Cherry Coulee—do	1	†..	......	....	......	......
Cherry Coulee—E. F. Hardscrabble Cr.—Rich.	1	200	5.0	....	......	......
N. F. Cherry Coulee—Cherry Coulee—Rich.	2	1,600	40.0	....	......	......
Cherry Coulee—Charlie Cr.—Richland	1	300	7.5	....	......	......
Cherry Coulee—Sheridan Cr.—Sheridan	1	5,184	129.6	....	......	......
Cherry Coulee—Milk R.—Valley	1	40	1.0	....	......	......
Cherry Cr.—Big Hole R.—Beaverhead	6	500	12.5	5	345	8.6
Cherry Cr.—Milk R.—Blaine	2	40	1.0	....	......	......
Cherry Cr.—N. F. Bridger Cr.—Carbon	1	50	1.2	....	......	......
Cherry Cr.—Highwood Cr.—Chouteau	1	400	10.0	....	......	......
Cherry Cr.—Powder R.—Custer	2	1,500	37.5	....	......	......
Cherry Cr.—Yellowstone R.—Dawson	4	4,016§	100.4	....	......	......
Cherry Cr.—Dayton Cr.—Flathead	1	160	4.0	....	......	......
Cherry Cr.—Flathead R.—Flathead	1	50	1.2	....	......	......
Cherry Cr.—Seven Mile Cr.—Lewis & Clark	7	†900	22.5	....	......	......
Cherry Cr.—Libby Cr.—Lincoln	11	45,950	1,148.8	....	......	......
Cherry Cr.—Jefferson R.—Madison	5	630	15.8	....	......	......
*Cherry Cr.—Madison R. (T. 2 S.)—Madison	18	†41,002§	1,025.0	14	414	10.3
Cherry Cr.—Madison (T. 8 S.)—Madison	4	†400	10.0	....	......	......
Cherry Cr.—Rattlesnake Cr.—Missoula	1	50	1.2	....	......	......
Cherry Gulch—Billman Cr.—Park	1	60	1.5	....	......	......
Cherry Cr.—Hardscrabble Cr.—Richland	1	400	10.0	....	......	......
Cherry Cr.—Rosebud R.—Rosebud	3	1,003	25.1	....	......	......
Cherry Cr.—Clark F. Columbia—Sanders	9	7,390	184.8	....	......	......
Cherry Cr.—S. F. Fish Cr.—Sweetgrass	5	1,040	26.0	2	335	8.4
Cherry Cr.—Miners Coulee—Toole	2	250	6.2	....	......	......
Cherry Cr.—Milk R.—Valley	19	16,817§	420.4	....	......	......
E. Cherry Cr.—Cherry Cr.—Valley	7	2,680§	67.0	....	......	......
W. Prong Cherry Cr.—Cherry Cr.—Valley	1	600	15.0	....	......	......
Cherry Cr.—Fisher Cr.—Yellowstone	1	300	7.5	....	......	......
Cherry Bush Cr.—Big Muddy Cr.—Sheridan.	1	200	5.0	....	......	......
Cherry Patch Lake—30 Mile Cr.—Blaine	1	120	3.0	....	......	......
Cherry Spring Cr.—Elbow Cr.—Carbon	1	160	4.0	....	......	......
Chevin Cr. Gallatin	1	†..	......	....	......	......
Chickaman Cr. Deer Lodge	2	1,000	25.0	....	......	......
Chicken Coop Cr.—Rosebud R.—Rosebud	2	1,000	25.0	....	......	......
Chicken Coulee—Muddy Cr.—Teton	4	60,800	1,520.0	....	......	......
Chicken Cr.—Bridger Cr.—Gallatin	2	900	22.5	....	......	......
Chicken Cr.—Blodgett Gulch—Granite	1	†..	......	....	......	......
Chicken Cr.—Tobin Cr.—Park	7	770	19.2	10	690	17.2
Chicken Cr.—Yellowstone R.—Park	6	490	12.3§	....	......	......

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Chicken Cr.—Washington Gulch—Powell....	5	†6,620	165.5	3	175	4.4
Chicken Cr. Ravalli	1	500	12.5	....	......	......
Chicken Gulch—Big Hole R.—Silver Bow....	1	†..§	......	....	......	......
Chicken Run Gulch—Wash. Gulch—Powell		See Chicken Creek.				
Chicks Coulee—Davis Cr.—Chouteau........		See Gerard Creek.				
Chicks Coulee—Bear Cr.—Hill	1	80	2.0	....	......	......
Chicora Cr.—Halfbreed Cr.—Toole		See Cicory Creek.				
Chidister Gulch—Tongue R.—Rosebud......	1	500	12.5	....	......	......
Chief Cr.—Kootenai R.—Lincoln	1	500	12.5	....	......	......
Childs Cr.—One Horse Cr.—Ravalli		See One Horse Creek.				
Chime Gulch—Spokane Cr.—L. & C., Jefferson	1	300	7.5	....	......	......
Chimney Cr.—Big Horn R.—Big Horn......	2	800	20.0	....	......	......
Chimney Cr.—Red Lodge Cr.—Carbon	1	500	12.5	....	......	......
Chimney Cr.—Little Beaver Co.—Fallon	2	1,200	30.0	....	......	......
Main F. Chimney Cr.—Chimney Cr.—Fallon.	1	†	......	....	......	......
N. F. Chimney Cr.—Chimney Cr.—Fallon ..	1	500	12.5	....	......	......
Chimney Cr.—Douglas Cr.—Powell	4	2,000	50.0	1	†	......
Chimney Rock Coulee—Teton R.—Chouteau	4	720	18.0	....	......	......
China Gulch—Sawmill Gulch—Lewis & Clark	1	10	0.2	....	......	......
China Gulch—Blacktail Deer Cr.—Silver Bow	2	† 100	2.5	....	......	......
Chinee Cr.—Kootenai R.—Lincoln	1	250	6.3	....	......	......
Chip Coulee—Missouri R.—Chouteau	10	† 5,160§	129.0	....	......	......
Chip Cr.—Stinking Cr.—Chouteau		See Skit Coulee.				
Chip Cr. Lake—Chip Cr.—Chouteau	1	160	4.0	....	......	......
Chipee Cr. ....Valley	1	1,000	25.0	....	......	......
Chippewa Cr.—McDonald Cr.........Fergus	19	4,015§	100.3	....	......	......
E. Chippewa Cr.—Chippewa Cr.—Fergus....	1	60	1.5	....	......	......
W. F. Chippewa Cr.—Chippewa Cr.—Fergus.	1	40	1.0	....	......	......
Choke Cherry Coulee—Red R.—Toole	1	200	5.0	....	......	......
Choquette Lake—Milk R.—Hill	1	4,000	100.0	....	......	......
Chouteau Coulee—N. F. Milk R.—Blaine	11	4,120	103.0	....	......	......
N. F. Chouteau Coulee—Chouteau Cl—Blaine	5	1,000	25.0	....	......	......
W. F. Chouteau Coulee—Chouteau Cl.—Blaine	2	400	10.0	....	......	......
Chowder Cr.—Big Spring Cr.—Fergus	1	300	7.5	....	......	......
Chris Coulee—Big Muddy Cr.—Sheridan	1	5,184	129.6	....	......	......
Christian Coulee—Sun River—Teton	1	960	24.0	....	......	......
Christian Coulee—Half Breed Cr.—Toole	2	300	7.5	....	......	......
Christiansen Cr.—W. F. Bitterroot R.—Rav.	1	200	5.0	....	......	......
Christman Cr. .... Madison	1	50	1.2	....	......	......
Chrystal Lake—Hell Gate R.—Missoula......		See Deer Creek.				
Chum Cr.—Blodgett Cr.—Ravalli	1	350	8.8	....	......	......
Chunning Cr.—Otter Cr.—Custer	1	200	5.0	....	......	......
Churchill Coulee—Missouri R.—Chouteau ...	1	200	5.0	....	......	......
Churn Cr.—W. Gallatin Cr.—Gallatin	3	†	......	....	......	......
Chute Gulch—Brown's Gulch—Silver Bow ..	2	40	1.0	....	......	......
Cicon Coulee—Little Sage Cr.—Hill	2	800	20.0	....	......	......
Cicory Cr.—Half Breed Cr.—Toole	3	480	12.0	....	......	......
Cincumalter Cr. .... Jefferson	2	170	4.3	....	......	......
Cinnabar Cr.—Yellowstone R.—Park	1	1,000	25.0	....	......	......
Circle Cr.—Steele Cr.—Chouteau	1	120	3.0	....	......	......
C. K. Cr.—Missouri R.—Blaine	5	1,280	32.0	....	......	......
Claim Cr.—Little Missouri R.—Fallon	1	600	15.0	....	......	......
Clairmont Cr.—Burnt Fork Cr.—Ravalli	1	200	5.0	....	......	......
Clammoth Cr.—Flint Cr.—Granite		See Frost Creek.				
Clam Valley Cr.—N. F. Thompson Cr.—B'head	2	80	‡2.0	....	......	......
Clan Alpine Cr.—L. Blackfoot R.—Powell and Deer Lodge		See Alpine Creek.				
Clancy Cr.—Prickly Pear Co.—Jefferson	31	6,571	164.3	3	††85	2.1
M. F. Clancy Cr.—Clancy Cr.—Jefferson	3	250	6.3	....	......	......
N. F. Clancy Cr.—Clancy Cr.—Jefferson	3	796	19.9	....	......	......
S. F. Clancy Cr.—Clancy Cr.—Jefferson......	1	500	12.5	....	......	......
Clanton Coulee—Beaver Cr.—Valley	2	400	10.0	....	......	......
Clanton Coulee—Whitewater Cr.—Valley	1	200	5.0	....	......	......
Clanton's Slough—Yellowstone R.—Yellow'e.	1	300	7.5	....	......	......
Clara Cr.—Cameron Cr.—Musselsell	1	320	8.0	....	......	......
Clarden Cr. .... Deer Lodge	1	300	7.5	....	......	......
Clarence Coulee—Cash Cr.—Valley	1	400	10.0	....	......	......

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††Federal decree.
‡—Add one filing of 500 acre feet.
†Add to filings amounts not given.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Clarias River—Teton R.—Chouteau	1	80	2.0	....	......	......
Clark Canyon Cr.—Beaverhead R.—B'head.	7	3,570	89.2	1	146	3.7
Clark Canyon Cr.—Grasshopper Cr.—B'head.	6	2,530	63.3	3	275	6.9
Clark's Canyon—Dog Cr.—Powell	1	50	1.3	....	......	......
Clark's Coulee—Warm Spring Cr.—Fergus	1	100	2.5	....	......	......
Clark Coulee—Dry Lake—Toole	3	1,000	25.0	....	......	......
Clark Coulee—Dry Fork Willow Cr.—Toole.	1	200	5.0	....	......	......
Clark's Coulee—Yellowstone R.—Y'stone	1	200	5.	....	......	......
Clark Cr.—Grasshopper Cr.—Beaverhead		See Clark Canyon Creek.				
Clark Cr.—McMullin Cr.—Cascade	11	†1,185§	29.6	....	......	......
E. Br. Clark Cr.—Clark Cr.—Cascade	1	100	2.5	....	......	......
Clark's Cr.—Deer Lodge R.—Deer Lodge		See Mill Creek.				
Clark Cr.—Little Prickly Pear Cr.—L. & C.	1	75	1.9	....	......	......
Clark's Cr.—Prickly P. Cr.—Lewis & Clark.	9	794	19.9	1	††15	0.4
Clark Cr.—Flathead R.—Missoula	1	400	10.0	....	......	......
Clark Cr. and Fks—C. F. Colum. R.—Sanders		See Lynch Creek.				
Clark Cr.—Teton R.—Teton	1	200	5.0	....	......	......
*Clark Fk. Colum. R.—Columbia R.—Sanders	100	†7012899§	175322.5	1	††610000	15250.00
*Clarke Fork R.—Yellowstone R.—Carbon	99	†304,215	§7605.4	....	......	......
E. F. Clarke Fork—Clarke Fork R.—Park	2	5,000	125.0	....	......	......
S. F. Clarke Fork—Clarke Fork R.—Park	1	600	15.0	....	......	......
Clark's Fork—Judith R.—Fergus	1	200	5.0	....	......	......
Clark Fork Lee Cr.—Lee Cr.—Rosebud		See Lee Creek.				
Clark Lake—Tobacco R.—Lincoln	1	200	5.0	....	......	......
Clausen Coulee—Cottonwood Cr.—Hill	1	200	5.0	....	......	......
Clay Butte Coulee—Dry Fork Marias—Teton	1	100	2.5	....	......	......
Clayton Coulee—Cottonwood Cr.—Hill	1	200	5.0	....	......	......
Clayton Coulee .... Teton	1	200	5.0	....	......	......
Clayton Cr. .... Custer	1	400	10.0	....	......	......
Clear Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
*Clear Cr.—Milk R.—Blaine	103	28,345	708.6	....	......	......
E. F. Clear Cr.—Clear Cr.—Blaine	7	520	13.0	....	......	......
M. F. Clear Cr.—Clear Cr.—Blaine	10	280	7.0	....	......	......
W. F. Clear Cr.—Clear Cr.—Blaine	9	800	20.0	....	......	......
Clear Cr.—Rock Cr.—Carbon	3	310	7.8	....	......	......
Clear Cr. Yellowstone R.—Dawson	13	†8,820	220.5	....	......	......
Clear Cr.—Mill Cr.—Deer Lodge		See Boulder Creek.				
Clear Cr.—Mill Cr.—Deer Lodge	9	†4,400	110.0	....	......	......
Clear Cr.—Confederate Gulch—Gallatin	5	†	......	....	......	......
Clear Cr.—Flint Cr.—Granite	7	8,620	215.5	10	610	15.3
Clear Cr.—Basin Cr.—Jefferson	8	1,850	46.2	....	......	......
N. F. Clear Cr.—Clear Cr.—Jefferson	2	250	6.3	....	......	......
W. F. Clear Cr.—Clear Cr.—Jefferson	2	125	3.1	....	......	......
Clear Cr.—Lincoln Gulch—Lewis & Clark	1	200	5.0	....	......	......
Clear Cr.—Windfall Gulch—Missoula	1	250	6.2	....	......	......
Clear Cr.—Shields R.—Park	3	†35§	0.9	....	......	......
Clear Cr.—Buffalo Cr.—Powell	1	200	5.0	1	50	1.3
Clear Cr.—Little Blackfoot R.—Powell	2	400	10.0	....	......	......
Clear Cr.—Bunkhouse Cr.—Ravalli	1	11	0.3	....	......	......
Clear Cr.—Tongue R.—Rosebud	1	1,200	30.0	....	......	......
Clear Cr.—Flathead R.—Sanders	2	130	3.2	....	......	......
Clear Cr.—Prospect Cr.—Sanders	1	640	16.0	....	......	......
Clear Fork Cr.—Box Elder Cr.—Fallon	1	1,000	25.0	....	......	......
Clear Lake—Rock Cr.—Fergus	1	†	......	....	......	......
Clear Lake—Cut Bank—Teton	1	4,000	100.0	....	......	......
Clear Lake—Peoples Cr.—Blaine	1	80	2.0	....	......	......
Clear Lake—Grant Cr.—Missoula	1	1,000	25.0	....	......	......
Clear Trask Cr.—Box Elder Cr.—Fallon	1	1,500	37.5	....	......	......
Clear Water Cr.—Box Elder Cr.—Fallon	1	1,000	25.0	....	......	......
Clearwater Cr.—Flathead R—Flathead		See WhiteFish Creek.				
Clearwater R. (or Cr)—Big Blackfoot R.—Missoula and Powell	10	18,200	455.0	....	......	......
E. F. Clearwater R—Clearwater R—Missoula and Powell	1	624	15.6	....	......	......
Clearwater Cr.—Flathead R.—Sanders		See Clear Creek.				
Clearwater Cr.—Dry Fork Marias—Teton	1	50	1.2	....	......	......
Cleary Cr. .... Jefferson	1	100	2.5	....	......	......

††—Federal decree.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Clem Cr.—Dearborn R.—Lewis & Clark.....		See Clemons Creek.				
Clemons Cr.—Dearborn R.—Lewis & Clark..	5	1,275	31.9	....	......	......
Cleveland Cr.—Peoples Cr.—Blaine	3	500	12.5	....	......	......
Cleveland Cr.—M. F. Judith R.—Cascade...	2	1,000	25.0	....	......	......
Cliff Cr.—Powder R.—Custer	1	800	20.0	....	......	......
Cliff Lake—Dry Cr.—Missoula		See Torino Creek.				
Clift Coulee—Willow Cr.—Toole	1	25	0.6	....	......	......
Clime Cr.—W. F. B'tail Deer Cr.—B'head..	1	300	7.5	....	......	......
Cline Cr.—Yellowstone R.—Park	4	400	10.0	....	......	......
Cline Lake—Yellowstone R.—Park..........	2	240	6.0§	....	......	......
Clinton Cr.—Hell Gate R.—Missoula	1	250	6.2	....	......	......
Clipper Cr. .... Beaverhead	1	120	3.0	....	......	......
Cloudyke Cr. .... Jefferson	1	100	2.5	....	......	......
Clover Cr.—Red Rock R.—Beaverhead	9	2,260	56.5	....	......	......
Clover Cr.—Nevada Cr.—Deer Lodge	1	50	1.2	2	80	2.0
Coal Coulee—Snake Cr.—Blaine	1	†	......	....	......	......
Coal Coulee—Red Rock Coulee—Hill	4	1,530	38.2	....	......	......
Coal Cr.—Tongue R.—Big Horn	2	400	10.0	....	......	......
Coal Cr.—N. F. Milk R.—Blaine	2	570	14.2	....	......	......
Coal Cr.—Yellowstone R.—Carbon	6	865§	21.6	....	......	......
N. F. Coal Cr.—Coal Cr.—Carbon	1	160	4.0	....	......	......
S. F. Coal Cr.—Coal Cr.—Carbon..........	.	160	4.0	....	......	.....
Coal Cr.—Trout Cr.—Cascade	1	30	0.8	....	......	......
Coal Cr.—Big Sandy Cr.—Chouteau.........	5	3,640	91.0	....	......	......
W. F. Coal Cr.—Coal Cr.—Chouteau........	1	600	15.0	....	......	......
Coal Cr.—Otter Cr.—Custer (T. 10 N.)......	1	5,000	125.0	....	......	......
Coal Cr.—Otter Cr.—Custer (T. 2 S.)........	1	200	5.0	....	......	......
Coal Cr.—Yellowstone R.—Custer...........	4	7,000	175.0	....	......	......
Coal Cr. Custer	1	6,000	150.0	....	......	......
Coal Cr.—Big Dry—Dawson	2	280	7.0	....	......	......
Coal Cr.—Box Elder Cr.—Fallon	8	3,660	91.5	....	......	......
S. F. Coal Cr.—Coal Cr.—Fallon............	1	400	10.0	....	......	......
Coal Cr.—M. F. Flathead R.—Flathead......	4	34,000	850.0	....	......	......
S. F. Coal Cr.—Coal Cr.—Flathead....... ..	1	2,000	50.0	....	......	......
Coal Cr.—Rock Cr.—Granite	1	160	4.0	....	......	......
N. F. Coal Cr.—Coal Cr.—Granite...........	1	400	10.0	....	......	......
W. F. Coal Cr.—Coal Cr.—Granite..........	2	400	10.0	....	......	......
Coal Cr.—Jefferson R.—Madison		See Coal Canon Creek.				
Coal Cr.—Missoula R.—Mineral	3	2,160	54.0	....	......	......
Coal Cr.—W. F. Rock Cr.—Missoula	1	1,500	37.5	....	......	......
Coal Cr.—Eldridge Cr.—Park	1	160	4.0	....	......	......
Coal Cr.—Shields R.—Park	4	20,510	512.8	2	280	7.0
Coal Cr.—Yellowstone R.—Park............	2	200	5.0	....	......	......
Coal Cr.—Tongue R.—Rosebud	1	200	5.0	....	......	......
Coal Gulch Cr. Jefferson	1	5	0.1	....	......	......
Coal Gulch—Austin Gulch—Lewis & Clark..	1	†	......	....	......	......
Coal Bank Coulee—Missouri R.—Chouteau..	8	4,800	120.0	....	......	......
W. F. Coal Bank Coulee—Coal B Coulee—do	2	4,400	110.0	....	......	......
Coal Bank Coulee—Musselshell R.—Dawson.	1	320	8.0	....	......	......
Coal Bank Coulee—Little Muddy Cr.—Sh'd'n	1	1,000	25.0	....	......	......
Coal Bank Coulee—Deep Cr.—Teton.........	1	2,000	50.0	....	......	......
Coal Bank Coulee Valley	1	2,000	50.0	....	......	......
Coal Bank Cr.—Tongue R.—Big Horn.......	2	3,000	75.0	....	......	......
N. & S. F. Coal Bank Cr.—Coal Cr.—Fallon..		See Coal Creek.				
Coal Bank Cr.—Poplar R.—Sheridan.........	1	20,000	500.0	....	......	......
Coal Butte Cr.—Rock Cr.—Blaine...........	1	400	10.0	....	......	......
Coal Canon Cr.—Jefferson R.—Madison......	4	800	20.0	....	......	......
Coal Canyon Cr.—Rattlesnake Cr.—Beaverh'd	1	1,000	25.0	....	......	......
Coal Kiln Gulch Cr.—Dyer Cr.—Beaverhead..	1	80	2.0	....	......	......
Coal Mine Coulee—Clear Cr.—Blaine.........	1	200	5.0	....	......	......
Coal Mine Coulee—Missouri R.—Choteau....	1	160	4.0	....	......	......
Coal Mine Coulee—Big Sandy Cr.—Chouteau		See Coal Creek.				
Coal Mine Cr.—Big Sandy Cr.—Choteau.....		See Coal Creek.				
Coal Mine Cr.—Yellowstone R.—Custer.....	2	440	11.0	....	......	......
Coal Mine Cr.—Red Rock Coulee—Hill......		See Coal Coulee.				
Coal Mine Gulch—Dearb'n R.—Lewis and Ck.	1	50	1.2	....	......	......
Coal Pit Gulches—Canyon Cr.—Lewis & C..		See Virginia Creek.				
Coal Pit Gulch—Willow Cr.—Ravalli........		See Coal Pit Hollow Cr.				

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Coal Pit Hollow Cr.—Willow Cr.—Ravalli...	3	140	3.5	....	......	......
Coal Sp'gs Coulee—Drv Fork Marias—Teton	1	200	5.0	....	......	......
Coburn Cr.—Dry Beaver Cr.—Blaine........	3	2,500	62.5	....	......	......
Coburn Cr.—Dog Cr.—Lewis & Clark.......	1	50	1.2	...	......	......
Cochrane Cr.—Medicine Lodge Cr.—B'v'rhead	2	1,300	32.5	....	......	......
Cockerel Coulee—Pondera Coulee—Toole.....	1	400	10.0	....	......	......
Coffee Cr.—Arrow Cr.—Fergus..............	17	†5,330§	133.2	....	......	......
E. F. Coffee Cr.—Coffee Cr.—Fergus........	1	160	4.0	....	......	......
N. F. Coffee Cr.—Coffee Cr.—Fergus........	2	550	13.8	....	......	......
S. F. Coffee Cr.—Coffee Cr.—Fergus.........	1	200	5.0	....	......	......
Coffey Coulee—Muddy Cr.—Teton...........	1	800	20.0	....	......	......
Coffman Coulee—Pondera Coulee—Choteau..	1	400	10.0	....	......	......
Cohen Cr.—Muddy Cr.—Teton...............	1	240	6.0	....	......	......
Cohlahan Cr.—Kootenai R.—Lincoln..........		See Callahan Creek.				
Cola Spring Cr.—Shakah Cr.—Missoula......	1	500	12.5	....	......	......
Colbank Coulee—Judith R.—Fergus..........	1	†	......	....	......	......
Cold Brook Cr.—Blanchard Cr.—Powell.....	1	200	5.0	....	......	......
Cold Brook & Lake—Clearwater Cr.—Powell		See Lake & Cold Branch.				
Cold Cr.—Trout Cr.—Cascade................	1	150	3.8	....	......	......
Cold Sp'g Cr.—N. F. Big Sheep Cr.—B'v'rh'd	1	200	5.0	....	......	......
Cold Spring Cr.—Birch Cr.—Beaverhead.....	1	120	3.0	....	......	......
Cold Spring Cr.—Snake Cr.—Blaine..........	1	200	5.0	....	......	......
Cold Spring Cr.—Wolf Cr.—Lewis & Clark..	1	100	2.5	....	......	......
Cold Spring Cr.—Beaverhead R.—Madison....		See Spring Creek.				
Cold Spring Cr.—Madison R.—Madison......		See Blaine Spring Creek.				
Cold Spring Cr.—Roberts Cr.—Meagher.....	1	200	5.0	....	......	......
Cold Spring Cr.—Warm Spr. Cr.—Meagher..	1	100	2.5	....	......	......
Cold Spring Cr.—Clark F. Col.—Sanders....	1	50	1.2	....	......	......
Cold Spring Cr.—Thompson R.—Sanders....	1	200	5.0	....	......	......
Cole Bank Cr.—Ramme Cr.—Fallon.........	1	500	12.5	....	......	......
Cole's Coulee—Muddy Cr.—Teton...........	1	600	15.0	....	......	......
Cole Cr.—E. Red Lodge Cr.—Carbon........	5	1,075	26.9	9	720	18.0
Coleman Cr.—E. Gallatin Cr.—Gallatin......	1	†	......	....	......	......
Cold Spring Cr.—Clark F. Col.—Sanders.....	2	2,200	55.0	....	......	......
Collar Gulch—Fords Cr.—Fergus...........	5	1,030	25.8	....	......	......
Colligan's Coulee—Box Elder Cr.—Fergus...	1	30	0.8	....	......	......
Collins Coulee—Dry Fork Marias—Teton....	1	200	5.0	....	......	......
Collins Cr.—Red Rock Cr.—Beaverhead......	1	†	......	....	......	......
Collins Cr.—Willow Cr.—Teton.............	2	600	15.0	....	......	......
Collins Cr.—Rock Cr.—Valley..............	2	760	19.0	....	......	......
Collins Cr.—Bitterroot R.—Ravalli..........	2	240	6.0	....	......	......
Collins Cr.—Telegraph Cr.—Valley..........	1	240	6.0	....	......	......
Colmses Gulch—Lost Horse Cr.—Lewis & C.		See Combs Gulch.				
Colorado Cr.—Horse Prairie Cr.—Beaverhead	27	20,665	516.6	1	110	2.8
Colorado Gulch—Ten Mile Cr.—Lewis & C..	10	†950§	23.8	....	......	......
M. F. Colorado Cr.—Colorado G.—Lewis & C.	1	200	5.0	....	......	......
Colt Coulee—Teton R.—Teton...............	1	200	5.0	....	......	......
Columbia Cr.—Box Elder Cr.—Blaine........	1	400	10.0	....	......	......
Columbia Cr.—Brown's Gulch—Deer Lodge..	1	600	15.0	....	......	......
Columbia Cr.—L. Blackfoot R.—Powell......	2	800	20.0	....	......	......
Columbia Lake ....Chouteau	1	400	10.0	....	......	......
Comanche Cr.—Five Mile Cr.—Yellowstone..	3	900	22.5	....	......	......
N. Comanche Cr.—Comanche Cr.—Y'llowstone	1	300	7.5	....	......	......
Comb Cr.—S. F. Musselshell R.—Meagher....	13	2,140	53.5	....	......	......
Combert Cr.—Clark Fk. Columbia R.—Sand.	3	460	11.5	....	......	......
E. F. Combert Cr.—Combert Cr.—Sanders..	2	280	7.0	....	......	......
W. F. Combert Cr.—Combert Cr.—Sanders..	6	2,700	67.5	....	......	......
Combest Cr.—Clark F. Columbia R.—Sanders		See Combert Creek.				
Combs Gulch—Lost Horse Cr.—Lewis & C...	16	†5,300§	132.5	....	......	......
Comet Cr.—Boulder R.—Jefferson..........	1	10	0.2	....	......	......
Comlifseo Gh.—Lost Horse Cr.—Lewis & C.		See Comb's Gulch.				
Commodore Gulch Lewis & Clark	1	†	......	....	......	......
Como Lake—Rock Cr.—Ravalli		See Rock Creek.				
Compound Coulee—Dry Fork Marias—Teton	1	200	5.0	....	......	......
Compressor Cr.—Grasshopper Cr.—B'head...	1	320	8.0	....	......	......
Compromise Cr.—Belt Cr.—Cascade.........	1	25	0.6	....	......	......
Conant Cr.—Boulder Cr.—Sweetgrass.......	1	50	1.2	....	......	......

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Conell Cr.—Dry Fork Marias—Teton	1	100	2.5	....	......	......
Conell Sheep Camp Coulee—Teton R.—Teton	1	†	......	....	......	......
Confederate Cr.—Missouri R.—Broadwater		See Confederate Gulch.				
Confederate Gulch—Missouri R.—Broadwater	41	†15,440§	386.0	20	1,775	44.4
Conger Gulch—Missoula R.—Missoula	3	920§	23.0	....	......	......
Conger G. Cr.—Clark Fk. Columbia—Sanders	1	200	5.0	....	......	......
Coni Gulch—Brown Gulch—Silver Bow	1	1,000	25.0	....	......	......
S. F. Coniff Cr.—Cuniff Cr.—Lewis & Clark	1	300	7.5	....	......	......
Conin Cr.—Sheafman Cr.—Ravalli	1	300	7.5	....	......	......
Conlin Lake—Toole		See Lake Conlin.				
Connelly Coulee—Marias R.—Teton	1	400	10.0	....	......	......
Connelly Cr.—Birch Cr.—Choteau	2	320	8.0	....	......	......
Conners Cr.—Big Cr.—Deer Lodge	1	60	1.5	....	......	......
Conners Cr.—Bitterroot R.—Ravalli	4	1,260	31.5	....	......	......
Conners Gulch—Prairie Gulch—Deer Lodge	1	†	......	....	......	......
Connolly Coulee—Red Rock Coulee—Hill	1	400	10.0	....	......	......
Connor Cr.—Dupuyer Cr.—Teton	1	100	2.5	....	......	......
Conrou Cr.—Boulder R.—Jefferson	1	200	5.0	....	......	......
Con's Cooley—Yellowstone R.—Custer	3	2,000	50.0	....	......	......
Conway Cr.—Big Springs Cr.—Fergus	1	100	2.5	....	......	......
Conway Cr.—Madison R.—Madison	1	280	7.0	....	......	......
Cooks Coulee—Half Breed Cr.—Toole	1	100	2.5	....	......	......
Cook's Cr.—Deer Lodge R.—Deer Lodge	1	75	1.9	....	......	......
Cook's Cr.—Woods Gulch—Meagher	3	1,300§	32.5	....	......	......
E. F. Cook's Cr.—Cook's Cr.—Missoula	1	200	5.0	....	......	......
Cook Cr.—Tongue R.—Rosebud	4	3,200	80.0	....	......	......
Cook Coulee—Milk R.—Valley	1	200	5.0	....	......	......
Cooley Cr. & Fks—Mu'shell R—Sweetgrass Stillwater Musselshell		See Big Coulee Creek.				
Coolie's Cr.—Hay Coulee—Lewis & Clark	1	160	4.0	....	......	......
Coombs Gulch—Lost Horse Cr.—Lewis & C.		See Combs Gulch.				
Coon Coulee—Larb Cr.—Valley	1	†	......	....	......	......
Coon's Coulee—Cottonwood Cr.—Hill	1	200	5.0	....	......	......
Coon Cr.—Tongue R.—Custer	1	500	12.5	....	......	......
Coon Cr. Jefferson	1	†	......	....	......	......
Coon Cr.—Sheep Cr.—Meagher	1	50	1.2	....	......	......
Cooper Coulee—Teton R.—Teton	2	60,400	1,510.0	....	......	......
Cooper Cr.—Yellowstone R.—Gallatin	3	†	......	....	......	......
Cooper Cr.—Dry Cr.—Lewis & Clark	1	100	2.5	....	......	......
Cooper Cr.—N. F. Musselshell R.—Meagher	2	450	11.2	....	......	......
Cooper Cr.—Nevada Cr.—Powell	2	580	14.5	1	25	0.6
E. F. Cooper Cr.—Cooper Cr.—Sanders	1	24,000	600.0	....	......	......
S. F. Cooper Cr.—Cooper Cr.—Sanders	2	1,000	25.0	....	......	......
Cooper Gulch—E. F. Willow Cr.—Meagher	1	50	1.2	....	......	......
Cooper L. Cr.—Big Blackfoot R.—Powell	4	11,100	277.5	....	......	......
Copeland Cr.—Cataract Cr.—Jefferson	1	1,000	25.0	....	......	......
Copper Claim Gulch Madison	1	100	2.5	....	......	......
Copper Coulee Teton	1	400	10.0	....	......	......
Copper Cr.—Madison R.—Gallatin	1	160	4.0	....	......	......
Copper Cr.—Boulder Cr.—Granite	2	1,150	28.7	....	......	......
Copper Cr.—Landers Fork—Lewis & Clark	6	81,000	2,025.0	....	......	......
Copper Cr.—N. F. Musselshell R.—Meagher	2	660§	16.5	....	......	......
Copper Cr.—St. Regis R.—Mineral	2	650	16.2	....	......	......
Copper Cr.—Jocko R.—Missoula	1	80	2.0	....	......	......
Copper Cr.—Boulder R.—Park	1	500	12.5	....	......	......
Copper Cr.—B. Blackfoot R.—Powell		See Cooper Lake Creek.				
Copper Cr.—Bull R.—Sanders	1	500	12.5	....	......	......
Copperopolis Cr.—N.F. Musselshell R.—M'ghr	13	8,790	219.8	....	......	......
Copper Queen Cr.—Willow Cr.—Granite	2	360	9.0	....	......	......
Coppy Cr. Deer Lodge	1	50	1.2	....	......	......
Cora Cr.—Big Otter Cr.—Cascade	34	9,151§	228.8	....	......	......
N. F. Cora Cr.—Cora Cr.—Cascade	1	100	2.5	....	......	......
S. Br. Cora Cr.—Cora Cr.—Cascade	1	400	10.0	....	......	......
Coral Cr. Custer	1	400	10.0	....	......	......
Corall Gulch—Ramshorn Cr.—Madison	1	†	......	....	......	......
Corbin & Gregory Gulch—Prickly Pear Cr.—Jefferson	3	600	15.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Corbly Cr.—E. Gallatin R.—Gallatin	3	† 400	10.0	....	......	......
Corcoran Gulch.—Warm Spr. Cr.—Fergus	1	100	2.5	....	......	......
Cordwood Gulch—Ten Mile Cr.—Lewis & C.	1	†	......	....	......	......
Cordwood Flume—Brown's Gulch—Silv. Bow	1	1,500	37.5	....	......	......
Corey's L.—Montour Cr.—Powell	1	160	4.0	....	......	......
Cormack Cr.—Box Elder Cr.—Fallon	1	300	7.5	....	......	......
Corn Cr. Jefferson	1	†	......	....	......	......
Cornell Cr.—Blacktail Dr. Cr.—Beaverhead.	2	280	7.0	....	......	......
Cornell Gulch—Blacktail Deer Cr.—Beaverh'd	1	100	2.5	....	......	......
Corner Cr.—Pumpkin Cr.—Custer	1	500	12.5	....	......	......
Coronella Cr.—Horse Prairie Cr.—Beaverh'd	8	2,000	50.0	....	......	......
Corrall Coulee—Milk R.—Blaine	1	200	5.0	....	......	......
S. F. Corrall Coulee—Corrall Coulee—Blaine.	1	200	5.0	....	......	......
Corrall Coulee—Big Muddy Cr.—Sheridan	1	200	5.0	....	......	......
Corral Coulee—Sun R.—Teton	2	500	12.5	....	......	......
Corral Coulee—Frenchman's Cr.—Valley	1	600	15.0	....	......	......
Corral Cr.—Red Rock R.—Beaverhead	4	1,320	33.0	....	......	......
Corral Cr.—Arrow Cr.—Cascade	1	250	6.2	....	......	......
Corrall Cr.—Spring Cr.—Custer	1	500	12.5	....	......	......
Corral Cr. Dawson	2	2,000	50.0	....	......	......
Corral Cr.—Big Cr.—Deer Lodge	2	300	7.5	....	......	......
E. Br. Corral Cr.—Corral Cr.—Deer Lodge		See Corral Creek.				
S. F. Corrall Cr.—Corrall Cr.—Fallon	3	2,500	62.5	....	......	......
Corrall Cr.—Box Elder Cr.—Fallon	2	550§	13.7	....	......	......
M. Prong Corrall Cr.—Corrall Cr.—Fallon	1	500	12.5	....	......	......
Corral Cr.—Little Beaver Cr.—Fallon	1	100	2.5	....	......	......
Corrall Cr.—Cottonwood Cr.—Fallon	4	8,400	210.0	....	......	......
Corrall Cr.—Cottonwood Cr.—Hill	19	3,070	76.8	....	......	......
Corral Cr.—Madison R.—Madison	3	400	10.0	....	......	......
Corral Cr.—Rosebud R.—Rosebud	2	225	5.6	....	......	......
Corral Cr..—Sarpy Cr.—Rosebud	1	1,000	25.0	....	......	......
Corral Cr.—Sweetgrass Cr.—Sweetgrass	1	200	5.0	....	......	......
Corral Gulch—Red Rock R.—Beaverhead	2	200	5.0	....	......	......
Corral Gulch—E. F. Rock Cr.—Granite	1	40	1.0	....	......	......
Corrall Gulch (Cr.)—Michelus Cr.—Jefferson	5	†750	18.8	....	......	......
Corral L.—Red R.—Toole	1	100	2.5	....	......	......
Corregan Coulee—North Fork R.—Blaine	1	160	4.0	....	......	......
N. F. Corregan Coulee—Corregan C.—Blaine	1	160	4.0	....	......	......
Correl Cr.—Mizpah Cr.—Custer	1	400	10.0	....	......	......
Correll Cr.—Missouri R.—Lewis & Clark	1	500	12.5	....	......	......
Correll Cr. Madison	1	400	10.0	....	......	......
Correll Cr.—E. F. Armells Cr.—Rosebud	1	300	7.5	....	......	......
Correll Cr. Yellowstone	1	80	2.0	....	......	......
Corrille Cr.—S. Br. Shonkin Cr.—Chouteau	1	200	5.0	....	......	......
Cory Cr.—N. F. Big Hole R.—Beaverhead	3	1,000	25.0	....	......	......
Cotton Cr.—Redwater Cr.—Dawson	1	500	12.5	....	......	......
Cotton Cr.—Missouri R.—Broadwater	1	150	3.8	....	......	......
Cottonwood Canyon—Silver Bow Cr.—Silv. B.	1	80	2.0	....	......	......
Cottonwood Coulee—Warm Spr. Cr.—Blaine.	2	10,400	260.0	....	......	......
Cottonwood Coulee—Clear Cr.—Blaine	2	280	7.0	....	......	......
Cottonwood Coulee—Boston Coulee—Cascade	1	160	4.0	....	......	......
Cottonwood Coulee—Sand Coulee—Cascade	2	150	3.8	....	......	......
Cottonwood Coulee Dawson	2	10,240	256.0	....	......	......
S. F. Cottonwood Coulee—Cottonwood Coulee—Fergus	1	160	4.0	....	......	......
Cottonwood Coulee—Coffee Cr.—Fergus	2	240	6.0	....	......	......
Cottonwood Coulee—Musselshell R.—Fergus.	1	100	2.5	....	......	......
Cottonwood Coulee Hill		See Cottonwood Creek.				
Cottonwood Coulee—Missouri R.—Sheridan	1	800	20.0	....	......	......
Cottonwood Coulee—Little Cottonwood Cr.—Valley	1	500	12.5	....	......	......
Cottonwood Coulee—Milk R.—Valley	2	† 1,000	25.0	....	......	......
Cottonwood Cr.—Grasshopper Cr.—B'head	5	720	18.0	1	40	1.0
Cottonwood Cr.—Nicholia Cr.—Beaverhead	8	† 1,360	34.0	....	......	......
Cottonwood Cr.—Rattlesnake Cr.—B'head	1	160	4.0	....	......	......
Cottonwood Cr.—Red Rock Cr.—Beaverhead.	2	320	8.00	....	......	......
Cottonwood Cr.—Deep Cr.—Broadwater	9	†1,920§	48.0	....	......	......

†Add to filings amounts not given.
§Filings on springs and unnamed creeks and coulees tributary are included.
*Measurement of flow shown in either 5th or 6th report.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
South Cottonwood Cr.— Cottonwood Cr. —Broadwater		See Cottonwood Creek.				
Cottonwood Cr.—Hot Spg. Cr.—Broadwater	2	200	5.0	2	235	5.9
S. F. Cottonwood Cr.—Cottonwood Cr.—Broadwater	1	100	2.5	....	......	......
Cottonwood Cr.—Missouri R.—Broadwater	3	†500	12.5	....	......	......
Cottonwood Cr.—Clark's Fork—Carbon	5	670§	16.8	....	......	......
Cottonwood Cr.—Red Lodge Cr.—Carbon	8	1,270	31.8	....	......	......
Cottonwood Cr.—Sand Coulee Cr.—Cascade	19	†2,029§	50.7	....	......	......
E. F. of E. F. of Cottonwood Cr.—E. F. Cottonwood Cr.—Cascade	1	100	2.5	....	......	......
Cottonwood Cr.—Trout Cr.—Cascade	3	275§	6.9	....	......	......
S. F. Cottonwood Cr.—Cottonwood Cr.—Casc.	1	20	0.5	....	......	......
Cottonwood Cr.—Arrow Cr.—Chouteau and Fergus	50	†7,050§	176.2	....	......	......
M. F. Cottonwood Cr.—Cottonwood Cr.—Choteau	1	40	1.0	....	......	......
Cottonwood Cr.—Beaver Cr.—Custer	1	200	5.0	....	......	......
Cottonwood R.—Powder R.—Custer	1	1,200	30.0	....	......	......
Cottonwood Cr.—Yellowstone R.—Custer	3	8,000	200.0	....	......	......
Cottonwood Cr.—Bracket Cr.—Dawson	1	600	15.0	....	......	......
Cottonwood Cr.—Deer Lodge R.—Deer Lodge	1	500§	12.5	....	......	......
Cottonwood Cr.—L. Missouri R.—Fallon (5S.)	9	17,200§	430.0	....	......	......
Cottonwood Cr.—L. Missouri R.—Fallon (8S.)	1	2,000	50.0	....	......	......
Cottonwood Cr.—O'Fallon Cr.—Fallon	3	4,000	100.0	....	......	......
M. F. Cottonwood Cr.—Cottonw'd Cr.—Fallon	1	200	5.0	....	......	......
Cottonwood Cr.—Ramme Cr.—Fallon	2	4,040	101.0	....	......	......
Cottonwood Cr.—Big Spring Cr.—Fergus	37	†19,270§	481.7	....	......	......
Cottonwood Cr.—Cat Cr.—Fergus	2	900	22.5	....	......	......
Cottonwood Cr.—McDonald Cr.—Fergus	1	100	2.5	....	......	......
Cottonwood Cr.—E. Gallatin Cr.—Gallatin	15	†1,625§	40.6	....	......	......
E. Cottonwood Cr.—Cottonwood Cr.—Galla.	1	200	5.0	....	......	......
*Cottonwood Cr.—W. Gallatin R.—Gallatin	45	†7,990§	199.7	30	2,576	644.0
Cottonwood Cr.—Marias R.—Hill	34	40,940	1,023.5	....	......	......
Cottonwood Cr.—N. F. Boulder Cr.—Jefferson	10	19,450	486.2	....	......	......
Cottonwood Cr.—Crow Cr.—Jefferson and Broadwater	3	650	16.2	....	......	......
Cottonwood Cr.—Whitetail Cr.—Jefferson	14	8,670	216.8	....	......	......
Cottonwood Cr.—Beaver Cr.—Lewis & Clark	1	160	4.0	....	......	......
Cottonwood Cr.—Blubber Cr.—Lewis & Clark	1	100	2.5	....	......	......
Cottonwood Cr.—Canyon Cr.—Lewis & Clark	4	1,780	44.5	....	......	......
Cottonwood Cr.—Deadman Cr.—Lewis & C.	1	150	3.8	....	......	......
Cottonwood Cr.—Missouri R.—Lewis & Clark	21	10,570§	264.2	....	......	......
Cottonwood Cr.—Ruby R.—Madison	3	4,250	106.2	....	......	......
Cottonwood Cr.—Madison R.—Madison	6	7,700	192.5	....	......	......
Cottonwood Cr.—Jefferson R.—Madison (1S.)	2	250	6.2	....	......	......
Cottonwood Cr.—Jefferson R.—Madison (3S.)	2	250	6.2	....	......	......
*Cottonwood Cr.—S. F. Musselshell R.—Meagher	11	4,680§	117.0	....	......	......
N. F. Cottonwood Cr.—Cottonwood Cr.—Meagher	1	100	2.5	....	......	......
E. F. Cottonwood Cr.—Cottonwood Cr.—Meagher	1	200	5.0	....	......	......
M. F. Cottonwood Cr.—Cottonwood Cr.—Meagher	1	400	10.0	....	......	......
S. F. Cottonwood Cr.—Cottonwood Cr.—Meagher	1	500	12.5	....	......	......
Cottonwood Cr.—Sixteen Mile Cr.— Meagher	6	1,200	30.0	1	50	1.2
Cottonwood Cr.—Smith R.—Meagher (12N.)	2	260	6.5	....	......	......
Cottonwood Cr.—Smith R.—Meagher (8N.)	10	7,865	196.5	....	......	......
Cottonwood Cr.—Willow Cr.—Musselshell	1	300	7.5	....	......	......
Cottonwood Cr.—Mendenhall Cr.—Park	1	60	1.5	....	......	......
Cottonwood Cr.—Potter Cr.—Park	6	1,110§	27.7	....	......	......
Cottonwood Creek—Shields R.—Park	57	†19,360§	484.0	46	9,653	241.3
Cottonwood Creek—Smith Cr.—Park	1	160	4.0	....	......	......
Cottonwood Cr.—Yellowstone R.—Park	2	3,520	88.0	....	......	......
Cottonwood Creek—Yellowstone R.—Park (1-S.)	2	†all§	......	....	......	......

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WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Cottonwood Cr.—Deer Lodge R.—Powell....	54	†26,243§	656.1	46	2,277	56.9
S. F. Cottonwood Cr.—Cottonwood Cr.—Pow.	2	800	20.0	....	......	......
Cottonwood Cr.—Nevada Cr.—Powell........	11	4,435	110.9	**26**	**2,221**	**55.5**
Cottonwood Cr.—Shanley Cr.—Powell.......	6	2,210§	55.2	....	......	......
Cottonwood Cr.—Armell's Cr.—Rosebud.....	1	500	12.5	....	......	......
Cottonwood Cr.—Rosebud Cr.—Rosebud.....	2	1,000§	25.0	....	......	......
N. Prong Cottonwood Cr.—Cottonwood Cr.—Rosebud	1	1,000	25.0	....	......	......
W. Cottonwood Cr.—Cottonw'd Cr.—Rosebud	1	80	2.0	....	......	......
Cottonwood Cr.—Camas Cr.—Sanders........	13	41,502§	1,037.5	....	......	......
N. F. Cottonw'd Cr.—Cottonw'd Cr.—Sanders	1	150	3.8	....	......	......
Cottonwood Cr.—Lake Cr.—Sheridan........	2	320	8.0	....	......	......
Cottonwood Cr.—Canyon Cr.—Stillwater....	3	†300	7.5	....	......	......
Cottonwood Cr.—Fish Cr.—Sweetgrass......	1	40	1.0	....	......	......
Cottonw'd Gulch—Blacktail Cr.—Silver Bow	2	150	3.8	....	......	......
Cottonwood Spring Coulee—Musselshell R.—Meagher	1	160	4.0	....	......	......
Cottrell Cr.—Box Elder Cr.—Fallon.........	1	2,000	50.0	....	......	......
Cougar Cr.—Timber Cr.—Mineral...........	1	200	5.0	....	......	......
Coughlain Cr.—Warren Cr.—Powell........	1	200	5.0	....	......	......
Coulee Cr.—Fish Cr.—Sweetgrass...........	1	500	12.5	....	......	......
*Coulee Cr.—Musselshell R.... Sweetgrass Musselshell Stillwater		See	Big	Coulee	Creek.	
Coulter Cr.—Flint Cr.—Granite............	4	820	20.5	....	......	......
E. Coulter Cr.—Coulter Cr.—Granite........	1	500	12.5	....	......	......
Countryman Cr.—Yellowstone R.—Stillwater	8	2,390	59.8	....	......	......
S. F. Countryman Cr.—Countryman Cr.—Stillwater	1	160	4.0	....	......	......
W. F. Countryman Cr.—Countryman Cr.—Stillwater	1	160	4.0	....	......	......
County Road Cr.—Smith R.—Meagher.......	1	100	2.5	....	......	......
Courll Coulee—Dry. Fk. Marias R.—Teton..	1	200	5.0	....	......	......
Courville Cr.—Crow Cr.—Missoula..........	2	160	4.0	....	......	......
Cove Cr.—Alkali Cr.—Yellowstone	2	600	15.0	....	......	......
Coverly Cr.—Flint Cr.—Granite............	3	120	3.0	....	......	......
Cowan Coulee—Woody Island Cr.—Blaine..	1	1,000	25.0	....	......	......
Cowan Cr.—W. Gallatin R.—Gallatin........	1	†all	......	....	......	......
Cowan Reservoir—Sage Cr.—Hill...........	1	320	8.0	....	......	......
Cowboy Lakes—Dry Lakes—Teton..........	1	200	5.0	....	......	......
Cow Canyon—Beaver Cr.—Valley..........	1	3,000	75.0	....	......	......
Cow Coulee—Missouri R.—Dawson..........	1	10,080	252.0	....	......	......
Cow Coulee—Charley Cr.—Richland.........	1	200	5.0	....	......	......
Cow Coulee—Shotgun Cr.—Sheridan........	1	1,728	43.2	....	......	......
Cow Coulee—Dry Lake—Teton............	1	500	12.5	....	......	......
Cow Creek—Red Rock R.—Beaverhead......	2	†160	4.0	....	......	......
Cow Cr.—Horse Prairie Cr.—Beaverhead....	10	2,460	61.5	7	312	7.8
Cow Cr.—N. F. Milk R.—Blaine.............	1	1	0.0	....	......	......
Cow Creek—Milk R.—Blaine...............	1	400	10.0	....	......	......
Cow Cr.—People's Cr.—Blaine.............	21	6,296§	157.4	2	420	10.5
Anderson's Fk. Cow Cr.—Cow Cr.—Blaine...	1	10	0.2	....	......	......
E. F. Cow Cr.—Cow Cr.—Blaine...........	1	200	5.0	....	......	......
Henderson's Fk. Cow Cr.—Cow Cr.—Blaine..	4	120	3.0	....	......	......
Mallon's Fk. Cow Cr.—Cow Cr.—Blaine....	3	220	5.5	....	......	......
Middle Trib. Cow Cr.—Cow Cr.—Blaine......	3	290	7.2	....	......	......
Moore's Fk. Cow Cr.—Cow Cr.—Blaine......	2	100	2.5	....	......	......
North Trib. Cow Cr.—Cow Cr.—Blaine......	3	340	8.5	....	......	......
Riesin's Trib. Cow Cr.—Cow Cr.—Blaine.....	1	160	4.0	....	......	......
S. F. Cow Cr.—Cow Cr.—Blaine............	3	270	6.8	....	......	......
S. W. Trib. Cow Cr.—Cow Cr.—Blaine.......	3	340	8.5	....	......	......
W. F. Cow Cr.—Cow Cr.—Blaine...........	1	200	5.0	....	......	......
Cow Cr.—Rock Cr.—Carbon................	5	900	22.5	....	......	......
Cow Cr.—Yellowstone R.—Carbon..........	7	1,510	37.8	....	......	......
E. F. Cow Creek—Cow Cr.—Carbon.........	1	40	1.0	....	......	......
S. F. Cow Cr.—Cow Cr.—Carbon...........	1	60	1.5	....	......	......
Cow Cr.—Powder R.—Custer (6-N.).........	1	100	2.5	....	......	......
Cow Cr.—Powder R.—Custer (7-S).........	3	3,600	90.0	....	......	......
Cow Cr.—Yellowstone R.—Custer (12-N).....	1	200	5.0	....	......	......

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†Add to filings amounts not given.
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*Measurement of flow shown in either 5th or 6th report.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Cow Cr.—Yellowstone R.—Custer (9-N).....	1	500	12.5	....	......	......
Cow Cr.—Cabin Cr.—Fallon................	2	2,000	50.0	....	......	......
Cow Cr.—Sand Cr.—Fallon.................	1	600	15.0	....	......	......
Cow Cr.—Willow Cr.—Granite..............	9	†1,310§	32.8	....	......	......
Cow Cr.—Flint Cr.—Granite...............	2	200	5.0	1	150	3.7
Cow Cr.—Fisher Cr.—Lincoln..............	1	200	5.0	....	......	......
Cow Cr.—Bitterroot R.—Ravalli...........	6	2,485§	62.1	....	......	......
S. F. Cow Cr.—Cow Cr.—Ravalli...........	1	80	2.0	....	......	......
North Cow Cr.—Cow Cr.—Rosebud..........	1	200	5.0	....	......	......
Cow Cr.—Miner's Coulee—Toole............	8	1,000§	25.0	....	......	......
Cow Cr.—Rock Cr.—Valley.................	3	4,480	112.0	....	......	......
Cow Gulch ....Custer	1	3,000	75.0	....	......	......
Cow Gulch—Yellowstone R.—Yellowstone..	3	560	14.0	....	......	......
Cowen Coulee—Froze-to-Death Cr.—Rosebud	1	1,500	37.5	....	......	......
Cowen Cr.—Sheafman Cr.—Ravalli..........	2	†	......	....	......	......
Cox Coulee—Muggins Cr.—Rosebud.........	1	300	7.5	....	......	......
Cox Coulee—Piser Cr.—Teton..............	1	400	10.0	....	......	......
Cox Coulee—Dry Lake—Toole..............	1	200	5.0	....	......	......
Coyle Cr.—Two Mile Cr.—Mineral		See Coyle Gulch.				
Coyle Gulch—Two Mile Cr.—Mineral........	3	2,450	61.2	....	......	......
Coyote Coulee—Shotgun Cr.—Sheridan......	1	5,184	129.6	....	......	......
Coyote Coulee—Teton R.—Teton............	1	400	10.0	....	......	......
Coyote Coulee—Red R.—Teton	1	1,200	30.0	....	......	......
Coyote Coulee—Dry Lake—Toole	2	1,000	25.0	....	......	......
Coyote Coulee—Willow Cr.—Toole 34 N......	1	3,200	80.0	....	......	......
Coyote Coulee—Willow Cr.—Toole-31-N	1	300	7.5	....	......	......
Coyote Coulee—Rock Cr.—Valley	1	320	8.0	....	......	......
Coyote Cr.—N. F. Big Sheep Cr.—B'head ...	12	3,892§	97.3	....	......	......
Coyote Cr.—Horse Prairie Cr.—Beaverhead.	7	2,310	57.8	11	967	24.2
Coyote Cr.—Wise Rr.—Beaverhead	1	320	8.0	....	......	......
Coyote Cr.—Powder R.—Custer	3	4,200	105.0	....	......	......
Coyote Cr.—W. Buffalo Cr.—Fergus	3	3,488	87.2	....	......	......
Coyote Cr.—Wolf Cr.—Fergus	13	2,494	62.3	....	......	......
Coyote Cr.—E. Gallatin R.—Gallatin	1	50	1.2	....	......	......
Coyote Cr.—S. F. Musselshell R.—Meagher..	2	550	13.8	....	......	......
Coyote Cr.—Dry Cr.—Park	1	100	2.5	....	......	......
Coyote Cr.—Missouri R.—Sheridan	2	1,000	25.0	....	......	......
Coyote Gulch Spring Cr.—Bridger Cr.—Sweetgrass	1	50	1.2	....	......	......
Coyote Butte Cr.—L. Beaver Cr.—Fallon	1	200	5.0	....	......	......
Crabb Gulch—Bitterroot R.—Ravalli	1	120	3.0	....	......	......
Crackerbox Cr.—Yellowstone R.—Dawson ..	3	1,400	35.0	....	......	......
S. F. Crackerbox Cr.—Crackerbox Cr.—Daw'n	1	800	20.0	....	......	......
Crail Cr.—E. Gallatin R.—Gallatin	1	200	5.0	....	......	......
Craine Coulee—Half Breed Cr.—Toole	2	200	5.0	....	......	......
N. F. Crain Coulee—Crain Coulee—Toole ...	1	100	2.5	....	......	......
Craiter Cr.—Gold Cr.—Powell		See Crater Gulch.				
Cramer Cr.—Hell Gate R.—Missoula	5	1,700	42.5	5	825	20.6
Cramer Spring Cr.—Flathead Lake—Flathead	2	4,000§	100.0	....	......	......
Cramley Cr.—People's Cr.—Blaine	1	200	5.0	....	......	......
Crandall Cr.—Smith Cr.—Park	1	300	7.5	1	240	6.0
Crandel Cr. .... Ravalli	1	2,000	50.0	....	......	......
Crane Cr.—Flathead Lake—Flathead	2	240	6.0	....	......	......
*Crane Cr.—Hay Coulee—Lewis & Clark....	3	100	2.5	....	......	......
Crasson's Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Crater Gulch—Gold Cr.—Powell	3	3,100	77.5	....	......	......
Craver Cr.—Medicine Lodge Cr.—Beaverhead	5	970	24.2	....	......	......
Craw Cr.—Flathead R.—Missoula	1	160	4.0	....	......	......
N. F. Craw Cr.—Craw Cr.—Missoula	1	12,000	300.0	....	......	......
Crazy Cr.—Lost Horse Cr.—Meagher	1	100	2.5	....	......	......
Crazy Cr.—Clear Cr.—Park	1	160	4.0	....	......	......
Crazy Cr.—Shields R.—Park		See Crazy Head Creek.				
Crazy Head Cr.—Shields R.—Park	7	1,540§	38.5	3	282	7.0
W. F. Crazy Head Cr.—C. Head Cr.—Park..	2	320	8.0	....	......	......
Crazy Horse Cr.—Big Muddy Cr.—Sheridan.	2	9,240§	231.0	....	......	......
Creamery Coulee—Muddy Cr.—Teton	2	300	7.5	....	......	......
Creek No. 1—Beaver Cr.—Custer	1	720	18.0	....	......	......
Creek No. 2—Beaver Cr.—Custer	2	1,460	36.5	....	......	......

†Add to filings amounts not given.

§Filings on springs and unnamed creeks and coulees tributary are included.

*Measurement of flow shown in either 5th or 6th report.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Cresswell Coulee—Milk R.—Blaine	1	320	8.0	....	......	......
Crevasse Cr.—See "Crevice Cr."—Park						
Crevice Cr.—Yellowstone R.—Park	11	2,580	64.5	....	......	......
E. F. Crevice Cr.—Crevice Cr.—Park	1	300	7.5	....	......	......
M. F. Crevice Cr.—Crevasse Cr.—Park	1	100	2.5	....	......	......
N. F. Crevice Cr.—Crevice Cr.—Park	2	1,000	25.0	....	......	......
W. F. Crevice Cr.—Crevice Cr.—Park	3	1,600	40.0	....	......	......
Crevice Cr. or Gulch—Gold Cr.—Powell	5	†475§	11.9	....	......	......
Crighton Coulee—Dry Fork Marias—Teton	1	200	5.0	....	......	......
Cripple Cr.—Box Elder Cr.—Fallon	4	2,000	50.0	....	......	......
Cripple Cr.—Lame Jones Cr.—Fallon	1	200	5.0	....	......	......
Cripple Cr.—Slick Cr.—Fallon	1	500	12.5	....	......	......
Crivis Gulch—Gold Cr.—Deer Lodge-Powell.		See Crevice Gulch.				
Crockett Cr.—Meadow Cr.—Madison	1	300	7.5	....	......	......
Cromwell Cr.—L. Bitterroot R.—Flathead	1	40	1.0	....	......	......
Crook Coulee—Dry Fork Marias—Teton	1	200	5.0	....	......	......
Crooked Coulee—Antelope Coulee—Cascade	2	300	7.5	....	......	......
Crooked Coulee—Missouri R.—Chouteau	2	560	14.0	....	......	......
Crooked Coulee—Alkali Cr.—Teton	3	800	20.0	....	......	......
Crooked Coulee—Missouri R.—Valley	1	320	8.0	....	......	......
Crooked Cr.—Beaverhead R.—Beaverhead	1	80	2.0	....	......	......
Crooked Cr.—Sage Cr.—Beaverhead	1	120	3.0	....	......	......
Crooked Cr.—Big Horn R.—Carbon	6	1,080	27.0	2	200	5.0
Crooked Cr.—E. Hound Cr.—Cascade	3	†260	6.5	....	......	......
Crooked Cr.—Muddy Cr.—Cascade	1	150	3.8	....	......	......
East Crooked Cr.—Yellowstone R.—Custer	4	2,000	50.0	....	......	......
Crooked Cr.—Little Missouri R.—Fallon	1	1,000	25.0	....	......	......
Crooked Cr.—Big Spring Cr.—Fergus	1	200	5.0	....	......	......
Crooked Cr.—N. F. Musselshell R.—Meagher	1	160	4.0	....	......	......
Crooked Cr.—Willow Cr.—Musselshell	1	160	4.0	....	......	......
Crooked Cr.—Bitterroot R.—Ravalli	1	160	4.0	....	......	......
Crooked Cr.—Big Elk Cr.—Sweetgrass	4	1,868	46.7	3	273	6.8
Crooked Cr.—Buggy Cr.—Valley	1	320	8.0	....	......	......
Crooked Cr.—Yellowstone R.—Yellowstone	15	†5,312§	132.8	....	......	......
S. Br. Crooked Cr.—"Crooked Cr."—Y'stone		See Crooked Creek.				
Crooked Gulch—Jordan Cr.—Madison	1	all	......	....	......	......
Crooks Coulee—Beaver Cr.—Valley	1	600	15.0	....	......	......
Cross Cr.—Tongue R.—Custer	2	1,000	25.0	....	......	......
Cross Cr.—Lost Cr.—Deer Lodge	2	†2,000	50.0	....	......	......
Cross Cr. .... Lewis & Clark	1	50	1.2	....	......	......
Crossen Cr.—Deep Cr.—Teton	1	100	2.5	....	......	......
Crossing Coulee—Shot Gun Cr.—Sheridan	1	5,184	129.6	....	......	......
Crossing Cr.—L. Bitterroot R.—Sanders	1	100	2.5	....	......	......
Crossman Gulch—Clarke F. Colum.—Sanders	1	35	0.9	....	......	......
Crotchett Coulee—Pondera Coulee—Chouteau	1	400	10.0	....	......	......
Crow Coulee—Missouri R.—Chouteau	3	5,360	134.0§	....	......	......
Crow Coulee Sag—Missouri R.—Chouteau	1	†	......	....	......	......
*Crow Cr.—Missouri R.—Broadwater	66	†50,790§	1,269.8	74	12,280	307.0
W. F. Crow Cr.—Crow Cr.—Broadwater and Jefferson	1	†	......	....	......	......
Crow Cr.—Powder R.—Custer	3	3,000	75.0	....	......	......
South Crow Cr.—Crow Cr.—Jefferson	1	500	12.5	....	......	......
S. F. of South Crow Cr.—Crow Cr.—Jefferson	2	†400	10.0	....	......	......
*Crow Cr.—Flathead R.—Missoula	12	405,480§	10,137.0	....	......	......
*N. F. Crow Cr.—Crow Cr.—Missoula	1	80,000	2,000.0	....	......	......
S. F. Crow Cr.—Crow Cr.—Missoula	4	125,000	3,125.0	....	......	......
Crow Cr.—Prospect Cr.—Sanders	8	22,800	570.0	....	......	......
Crow Gulch—Prospect Cr.—Sanders		See Crow Creek.				
Crowder Cr.—Big Spring Cr.—Fergus	1	100	2.5	....	......	......
Crowley Cr. .... Chouteau	1	640	16.0	....	......	......
Crown Cr.—Beaver Cr.—Rosebud	1	200	5.0	....	......	......
Crown Butte Cr.—People's Cr.—Blaine	4	420	10.5	....	......	......
Crown Butte Cr. .... Park	1	500	12.5	....	......	......
Crown Lake—See "Lake Crown"—D. Lodge						
Crow Rock Cr. ....Custer	1	500	12.5	....	......	......
Crow Rock Cr.—Big Dry Cr.—Dawson	4	49,600	1,240.0	....	......	......
Crum Cr.—Blacktail D. Cr.—Beaverhead	1	150	3.8	....	......	......
Crystal Cr.—Big Hole R.—Beaverhead	1	25	0.6	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Crystal Cr.—Simpson Cr.—Beaverhead	2	240	6.0	....	......	......
Crystal Cr.—Flathead R.—Flathead	2	2,600	65.0	....	......	......
Crystal Cr.—Lump Gulch—Jefferson	3	103	2.6	f	......	......
Crystal Cr.—Hell Gate R.—Missoula		See Crystal Gulch.				
Crystal Gulch—Hell Gate R.—Missoula	2	244	6.1	....	......	......
Crystal Springs Cr.—Ten Mile Cr.—L. & Clark	1	75	1.9	....	......	......
Culberson Cr.—Missouri R.—Lewis & Clark	1	150	3.8	....	......	......
Culvert Coulee—Milk R.—Valley	1	320	8.0	....	......	......
Cumberland Cr.—S. F. Musselshell R.—M'her	1	50	1.2	....	......	......
Cummings F.—L. Prickly Pear—Lewis & C.	1	†	......	....	......	......
Cunif Cr.—Dearborn R.—Lewis & Clark		See Cunniff Creek.				
Cuniff Cr.—Dearborn R.—Lewis & Clark		See Cunniff Creek.				
Cunniff Cr.—Dearborn R.—Lewis & Clark...	10	1,080§	27.0	....	......	......
Cunningham Cr.—Yellowstone R.—Dawson ..	1	400	10.0	....	......	......
Cunningham Gulch—Elk Cr.—Powell	6	†125	3.1	....	......	......
Curlew Cr.—Wright Cr.—Custer	1	400	10.0	....	......	......
Curley Cr.—Missouri R.—Cascade	1	160	4.0	....	......	......
Curley Cr.—S. Boulder Cr.—Madison	4	4,100	102.5	....	......	......
Curley Bill Cr.—Madison R.—Madison	1	280	7.0	....	......	......
Curly Cr.—Missouri R.—Cascade		See Schofield Creek.				
Curran Coulee .... Dawson	1	160	4.0	....	......	......
Curran Gulch .... Madison	1	†	......	....	......	......
Currant Cr.—Musselshell R.—Musselshell....	7	1,480§	37.0	....	......	......
Curry Cr.—Lone Tree Cr.—Fallon	1	1,200	30.0	....	......	......
Curtain Gulch—Prickly Pear Cr.—Jefferson.		See Curtin Creek.				
Curtin Cr.—Prickly Pear Cr.—Jefferson.....	2	200	5.0	....	......	......
Cusselman Cr.—Nevada Cr.—Powell	1	500	12.5	....	......	......
Custer Coulee—Musselshell R.—Rosebud	1	240	6.0	....	......	......
Custer Cr.—Big Coulee Cr.—Musselshell	2	200	5.0	....	......	......
Custer Cr.—Yellowstone R.—Custer	4	a 685	17.1	....	......	......
Custer Coulee—Yellowstone R.—Y'stone	2	260§	6.5	....	......	......
Cut Coulee—Big Sandy—Chouteau	1	560	14.0	....	......	......
Cut Coulee—Missouri R.—Dawson	1	3,000	75.0	....	......	......
Cut Coulee—Missouri R.—Valley	1	120	3.0	....	......	......
Cut Bank Coulee—Arrow Cr.—Chouteau	2	†320	8.0	....	......	......
Cut Bank Coulee—Missouri R.—Chouteau....	1	200	5.0	....	......	......
Cut Bank Cr.—Dog Cr.—Fergus............	3	500	12.5	....	......	......
*Cut Bank Cr.—Marias R.—Teton...........	21	†127,620§	3,190.5b	....	......	......
Cut Coulee Cr.—Musselshell R.—Sweetgrass		See Mud Creek.				
Cut Hill Coulee—Shot Gun Cr.—Sheridan....	1	5,184	129.6	....	......	......
Cut-Off Cr.—Yellowstone R.—Custer........	1	500	12.5	....	......	......
Cut-Off Cr.—Lone Tree Cr.—Fallon........	1	800	20.0	....	......	......
Cut-Off Cr.—Yellowstone R.—Rosebud......	3	2,400	60.0	....	......	......
Cut Rock Coulee—Big Sandy Cr.—Chouteau	1	160	4.0	....	......	......
*Cut Rock Cr.—N. F. Willow Cr.—L. & Clark	2	190	4.8	....	......	......
Cuttler Cr.—Pipestone Cr.—Jefferson........	2	†40	1.0	....	......	......
Cyclone Cr.—Coal Cr.—Flathead	1	all	......	....	......	......
Cyclone Cr.—Yahk R.—Lincoln.............	2	80	2.0	....	......	......
Cyprian Cr.—Warm Spr. Cr.—Blaine........		See Sipary Ann Creek.				
Cyr Coulee—Dry Lake—Toole	1	†	......	....	......	......
Cyr's Slough—Nine Mile Cr.—Missoula.......		See Nine Mile Creek.				
D						
Dadmun Cr.—Trout Cr.—Fergus............	1	600	15.0	....	......	......
Dad's Cr.—Medicine Lodge Cr.—Beaverhead	4	3,550	89.0	....	......	......
Dad's Gulch—Medicine Lodge Cr.—Beaverhe'd		See Dad's Creek.				
Dagert Cr.—Miller Cr.—Missoula...........	1	25	0.6	....	......	......
Dailey Cr.—Yellowstone R.—Park	1	100§	2.5	....	......	......
Daily Cr.—Powder R.—Custer	1	10,000	250.0	....	......	......
Daily Lake—Yellowstone R.—Park	1	200	5.0	1	300	7.5
Daisy Cr.—Musselshell R.—Meagher........		See Daisy Dean Creek.				
Daisy Cr.—Tenderfoot Cr.—Meagher........	2	600	15.0	....	......	......
Daisy Coulee—Missouri R.—Valley	1	1,000	25.0	....	......	......
Daisy Dean Cr.—Musselshell R.—Meagher..	15	‡3,265	†81.6§	2	300	7.5

f—Federal decree included in Jackson Cr.
a—Add one filing of 1,160,150 gallons.
b—Add 75,000 acre feet.
‡Add one filing of 4,500,000,000 cubic feet per annum.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
M. F. Daisy Dean Cr.—Daisy Dean Cr.—Meag.		See Daisy Dean Creek.				
Daisy Dean Cr.—Smith R.—Park	10	2,170	54.2	11	1,515	37.9
N. F. Daisy Dean Cr.—Daisy Dean Cr.—Park	2	300	7.5	3	415	10.4
S. F. Daisy Dean Cr.—Daisy Dean Cr.—Park	1	200	5.0	1	50	1.2
Daisy Gulch Cr.—Flat Cr.—Missoula	1	10	0.2	....	......	......
Dakota Coulee—Willow Cr.—Toole	1	400	10.0	....	......	......
Dale Cr.—Song Butte Cr.—Carbon	1	75	1.9	....	......	......
Dale Cr.—Mudd Cr.—Meagher	2	470	11.8	....	......	......
Dale Cr.—Rosebud Cr.—Rosebud	1	700	17.5	....	......	......
North Dale Cr.—Dale Cr.—Rosebud	1	500	12.5	....	......	......
Dalton Coulee—Bean Cr.—Blaine	1	400	10.0	....	......	......
Daly Cr. Gulch—Clark F. Columbia—Sanders	1	†	......	....	......	......
Dalys Gulch—Nevada Cr.—Powell	3	141§	3.5	....	......	......
E. F. Daly's Gulch—Daly's Gulch—Powell		See Daley's Gulch.				
Daly Lake—North Willow Cr.—Madison	1	all	......	....	......	......
Dam Coulee—Missouri R.—Blaine	1	200	5.0	....	......	......
Damm Coulee—Sand Cr.—Sheridan	1	5,184	129.6	....	......	......
Dana Cr.—Madison R.—Gallatin	1	200	5.0	....	......	......
Dane Coulee—Shot Gun Cr.—Sheridan	1	160	4.0	....	......	......
Danford Drain—Yellowstone R.—Yellowstone		See Sanderson & Danford Drain.				
Daniels Cr.—Sheep Cr.—Meagher	2	90	2.2	....	......	......
Danley Cr.—Beaver Cr.—Rosebud	1	1,000	25.0	....	......	......
Dans Cr.—Arrow R.—Cascade	1	160	4.0	....	......	......
Dan Spr. Cr.—L. Bitterroot R.—Flathead	1	120	3.0	....	......	......
Dan Williams Cr. Madison	1	10	0.2	....	......	......
Darcy's Coulee—Deep Cr.—Teton	1	1,200	30.0	....	......	......
Dark Cannon Cr.—Hellgate R.—Missoula	1	150	3.8	....	......	......
Darling Gulch—Tongue R.—Rosebud	1	500	12.5	....	......	......
Daugherty Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Daulton Coulee—Dead Indian Coulee—Chou.	1	403	10.0	....	......	......
Davenport Coulee—Big Cottonwood Cr.—Val.	1	400	10.0	....	......	......
Davenport Gulch—Sand Cr.—Carbon	1	480	12.0	....	......	......
Davey Coulee—Missouri R.—Blaine	1	100	2.5	....	......	......
Davey Cr.—Ruby R.—Madison	1	80	2.0	....	......	......
Davey's Coulee—Milk R.—Blaine	2	1,200	30.0	....	......	......
David Logasse Cr.—Missoula R.—Missoula	1	500	12.5	....	......	......
Davidson Coulee—Milk R. (30 N.)—Blaine	1	320	8.0	....	......	......
Davidson Coulee—Milk R. (33 N.)—Blaine	5	83,000	2,075.0	....	......	......
Davidson Coulee—Dry Lake—Toole	2	1,240	31.0	....	......	......
Davies Gulch—Berger Cr.—Madison	2	†30	0.8	....	......	......
Davis Coulee—Dry Fork Arrow Cr.—Cascade	1	50	1.2	....	......	......
Davis Coulee—Teton R.—Chouteau	1	1,000	25.0	....	......	......
Davis Coulee—Corral Cr.—Hill	1	50	1.2	....	......	......
Davis Coulee—Redwater Cr.—Richland	1	1,080	27.0	....	......	......
Davis Coulee—Red R.—Toole	1	400	10.0	....	......	......
Davis Cr.—Clark's Fork—Carbon	2	300§	7.5	....	......	......
Davis Cr.—Arrow Cr.—Fergus-Cascade	24	6,070§	151.8	....	......	......
S. F. Davis Cr.—Davis Cr.—Cascade	1	200	5.0	....	......	......
Davis Cr.—Seven Mile Cr.—Lewis & Clark	2	800	20.0	....	......	......
M. F. Davis Cr.—Davis Cr.—Missoula	1	1,000	25.0	....	......	......
Davis Cr.—Mill Cr.—Park	13	†5,045§	126.1	....	......	......
Davis Cr.—Elk Cr.—Powell	1	all	......	....	......	......
Davis Cr.—L. Blackfoot R.—Powell	2	400	10.0	4	230	5.7
Davis Cr.—Willoughby Cr.—Ravalli	5	320	8.0	....	......	......
Davis Cr.—Missouri R.—Richland	2	†300	7.5	....	......	......
Davis Cr.—Rosebud R.—Rosebud	2	1,000§	25.0	....	......	......
Davis Cr.—Birch Cr.—Teton	1	400	10.0	....	......	......
Davis Cr.—Sheep Cr.—Teton	1	200	5.0	....	......	......
Davis Lake—Warm Spr. Cr.—Deer Lodge		See Twin Lakes Creek.				
Davis Lakes—Red R.—Toole	1	4,000	100.0	....	......	......
Davison Coulee—Machackrin Cr.—Valley	1	200	5.0	....	......	......
Dawes Cr.—N. F. of Smith R.—Meagher	1	320	8.0	....	......	......
Dawkins Cr.—Ross Fork—Fergus	1	400	10.0	....	......	......
Dawson Cr.—Mizpah Cr.—Custer	1	500	12.5	....	......	......
Day Cr.—E. Gallatin R.—Gallatin	1	30	0.8	....	......	......
Daylight Gulch—Alder Cr.—Madison	11	†14,177§	354.4	....	......	......
Day's Gulch—Elk Cr.—Powell	1	all	......	....	......	......
*Dayton Cr.—Flathead Lake—Flathead	22	†19,604§	490.1	....	......	......
W. F. Dayton Cr.—Dayton Cr.—Flathead	3	400	10.0	....	......	......
Dea Coulee—Dry Cr.—Teton	1	400	10.0	....	......	......

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Dead Cr.—Braun Cr.—Cascade	1	100	2.5	....	......	......
Dead Beaver Cr.—Sweetgrass Cr.—Sweetgrass	1	200	5.0	....	......	......
N. F. Dead Beaver Cr.—Dead B. Cr.—do	1	200	5.0	....	......	......
S. F. Dead Beaver Cr.—Dead B. Cr.—do	1	200	5.0	....	......	......
Dead Boy Cr.—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Dead Dog Coulee—Beaver Cr.—Valley	2	†	......	....	......	......
Dead Horse Coulee—Shot Gun Cr.—Sheridan	3	15,552	388.8	....	......	......
Dead Horse Coulee—Muddy Cr.—Teton	1	†	......	....	......	......
Dead Horse Coulee—Red R.—Teton	1	1,600	40.0	....	......	......
Dead Horse Coulee—Miner Coulee—Toole	1	80	2.0	....	......	......
Dead Horse Coulee—Larb. Cr.—Valley	1	500	12.5	....	......	......
Dead Horse Cr.—Warm Springs Cr.—Meagher	1	40	1.0	....	......	......
W. F. Dead H. Cr.—Dead H. Cr.—Sanders	2	330	8.2	....	......	......
Dead Indian Coulee—Marias R.—Chouteau	2	240§	6.0	....	......	......
Dead Indian Coulee—Pondera Coulee—do	7	5,400	135.0	....	......	......
W. F. Dead Ind. Coulee—D. Ind. Coulee—do	1	400	10.0	....	......	......
Dead Jones Cr.—Timber Cr.—Fallon	1	40	1.0	....	......	......
Deadman's Canyon—Blacktail Cr.—Silver B.	1	all	......	....	......	......
Dead Man's Coulee—Smith R.—Cascade	1	500§	12.5	....	......	......
Deadman's Coulee—Dearborn R.—Lewis & C.	4	†760	19.0	....	......	......
Dead Man's Coulee—Muddy Cr.—Teton	1	800	20.0	....	......	......
Dead Man's Cr.—Big Sheep Cr.—Beaverhead	5	1,260	31.5	....	......	......
Dead Man Cr.—Big Horn R.—Carbon	2	200	5.0	2	†12	0.3
N. F. Deadman Cr.—Deadman's Cr.—Carbon	1	80	2.0	....	......	......
*Deadman Cr.—Little Prickly Pr. Cr.—L. & C.	4	†1,150	28.8	....	......	......
N. F. Deadman Cr.—Deadman Cr.—Lewis & C.	1	400	10.0	....	......	......
M. F. Deadman C.r—Deadman Cr.—L. & C.	1	500	12.5	....	......	......
S. F. Deadman Cr.—Deadman Cr.—L. & C.	1	500	12.5	....	......	......
Deadman Cr.—Madison R.—Madison	2	700	17.5	....	......	......
Deadman Cr.—Coyote Cr.—Meagher	2	300	7.5	....	......	......
Deadman Cr.—Tenderfoot Cr.—Meagher	1	75	1.9	....	......	......
Deadman Cr.—Bitterroot R.—Missoula		See Deadman's Gulch.				
Dead Man Cr.—Tongue R.—Rosebud	1	250	6.2	....	......	......
Deadman Cr.—Yellowstone R.—Sweetgrass	1	200	5.0	....	......	......
Deadman's Cr.—Teton R.—Teton		See Blacktail Creek.				
Deadman Cr.—Buffalo Cr.—Yellowstone	3	900	22.5	....	......	......
Deadman's Gulch—Confederate Gulch—Gal.	2	†all	......	....	......	......
Dead Man's Gulch—Bitterroot R.—Missoula.	6	280	7.0	....	......	......
Dead Man's Lake—Dead Man's Cr.—Beaver.		See Dead Man's Creek.				
Deaf Jim Cr.—Mulheron Cr.—Park	2	400	10.0	....	......	......
Dean Coulee—Pondera Cr.—Teton	1	800	20.0	....	......	......
Dean Cr.—Musselshell R.—Musselshell	4	920	23.0	....	......	......
Dearborn Canyon—White Tail Deer Cr.—Jef.	1	200	5.0	....	......	......
*Dearborn R.—Missouri R.—Lewis & Clark	50	355,803§	8,895.1	....	......	......
*M. F. Dearborn R.—Dearborn R.—L. & C.	8	†2,025§	50.6	....	......	......
N. F. Dearborn R.—Dearborn R.—L. & C.		See Dearborn River.				
S. F. Dearborn R.—Dearborn R.—Lewis & C.	15	†2,800§	70.0	....	......	......
W. F. of S. W. Dear. R.—S. F. D. R.—L. & C.	1	75	1.9	....	......	......
Deaton Cr.—Warm Spring Cr.—Fergus	1	all	......	....	......	......
Debben Cr.—Big Sandy Cr.—Chouteau	1	240	6.0	....	......	......
De Boer Coulee—Dry Marias R.—Teton	1	200	5.0	....	......	......
Deemer Cr.—Clark Fork Colum. R.—Sanders	2	65§	1.6	....	......	......
Deep Coulee—Missouri R.—Cascade	2	1,000	25.0	....	......	......
Deep Coulee—Powder R.—Custer	1	1,000	25.0	....	......	......
Deep Coulee—Sweets Coulee—Hill	1	140	3.5	....	......	......
Deep Coulee—Marias R.—Toole	1	100	2.5	....	......	......
Deep Coulee—Willow Cr.—Toole	2	200	5.0	....	......	......
*Deep Cr.—Missouri R.—Broadwater	45	†37,332§	933.3	26	2,800	70.0
L. F. Deep Cr.—Deep Cr.—Broadwater		See Deep Creek.				
N. F. Deep Cr.—Deep Cr.—Broadwater	7	1,819	45.5	1	315	7.9
Russel F. Deep Cr.—Deep Cr.—Broadwater	1	1,000	25.0	....	......	......
Deep Cr.—Confederate Cr.—Broadwater		See Cottonwood Creek.				
Deep Cr.—Peoples Cr.—Blaine	1	200	5.0	....	......	......
Deep Cr.—Smith R.—Cascade		See Smith River.				
Deep Cr.—Little Powder R.—Custer	2	2,500	62.5	....	......	......
Deep Cr.—Powder R.—Custer	1	1,480	37.0	....	......	......
Deep Cr.—Big Hole R.—Deer Lodge		See Big Creek.				
Deep Cr.—Box Elder Cr.—Fallon	1	1,000	25.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
E. F. Deep Cr.—Deep Cr.—Fallon	1	500	12.5	....	......	......
W. F. Deep Cr.—Deep Cr.—Fallon	1	500	12.5	....	......	......
Deep Cr.—Milk Cr.—Fallon	1	200	5.0	....	......	......
Deep Cr.—Timber Cr.—Fallon	1	200	5.0	....	......	......
Deep Cr.—Hell Roaring Cr.—Flathead	3	14,400	360.0	....	......	......
Deep Cr.—Tobacco Cr.—Lincoln	2	2,444	61.1	....	....	......
Deep Cr.—Cherry Cr.—Madison	1	†	......	....	......	......
Deep Cr.—Missoula R.—Mineral—T 16 N.	7	1,958§	48.9	....	......	......
Deep Cr.—Missoula R.—Mineral—T 17 N.	12	†3,425	85.6	....	......	......
M. F. Deep Cr.—Deep Cr.—Mineral—17 N.	3	800	20.0	....	......	......
N. F. Deep Cr.—Deep Cr.—Mineral 17 N.	5	2,100	52.5	....	......	......
Deep Cr.—Missoula R.—Missoula	1	150	3.8	....	......	......
Deep Cr.—Bennett Cr.—Park	1	800	20.0	....	......	......
Deep Cr.—Big Indian Cr.—Park	2	410	10.2	....	......	......
N. F. Deep Cr.—Deep Cr.—Park		See Deep Creek.				
S. F. Deep Cr.—"Deep Cr."—Park		See Deep Creek.				
Deep Cr.—Yellowstone R.—Park	26	†5,730§	143.2	7	745	18.6
N. F. Deep Cr.—Deep Cr.—Park	1	160	4.0	18	2,125	53.1
S. F. Deep Cr.—Deep Cr.—Park	6	740	18.5	9	899	22.5
Deep Cr.—L. Blackfoot R.—Powell	12	†930	23.2	....	......	......
Deep Cr.—Missouri R.—Richland	4	2,000	50.0	....	......	......
Deep Cr.—Clark F. of Colum. R.—Sanders	3	900	22.5	....	......	......
Deep Cr.—Boulder Cr.—Sweetgrass	1	75	1.9	....	......	......
Deep Cr. .... Rosebud	1	500	12.5	....	......	......
*Deep Cr.—Teton R.—Teton	42	†224,170§	5,604.2	....	......	......
Deep Gulch—Flint Cr.—Granite	1	50	1.2	....	......	......
Deep Gulch .... Jefferson	1	all	......	....	......	......
E. F. Deep Gulch—Deep Gulch—Lewis & C.	1	100	2.5	....	......	......
W. F. Deep Gulch—Deep Gulch—Lewis & C.	1	15	0.4	....	......	......
Deep Gulch—Trout Cr.—Mineral	4	5,400	135.0	....	......	......
Deep Gulch—L. Blackfoot R.—Powell		See Deep Creek.				
Deep Gulch—Powder R.—Custer	1	1,600	40.0	....	......	......
Deep Lake—Goose Lake—Sheridan	1	500	12.5	....	......	......
Deer Cr.—Medicine Lodge Cr.—Beaverhead	1	2,000	50.0	....	......	......
Deer Cr.—Tongue R.—Big Horn	4	2,200	55.0	....	......	......
Deer Cr.—Pilgrim Cr.—Cascade	4	6,500	162.5	....	......	......
Deer Cr.—Powder R.—Custer	4	7,400	185.0	....	......	......
Deer Cr.—Yellowstone R.—Custer	1	1,000	25.0	....	......	......
Deer Cr.—Yellowstone R.—Dawson	3	2,000§	50.0	....	......	......
Deer Cr.—Armell's Cr.—Fergus	17	3,400§	85.0	....	......	......
S. F. Deer Cr.—Deer Cr.—Fergus	2	†60	1.5	....	......	......
Deer Cr.—Ashley Cr.—Flathead	4	4,900	122.5	....	......	......
Deer Cr.—E. Gallatin R.—Gallatin	2	†	......	....	......	......
Deer Cr.—Welcome Gulch—Granite	2	800	20.0	....	......	......
Deer Cr.—Sage Cr.—Hill	1	300§	7.5	....	......	......
S. F. Deer Cr.—Deer Cr.—Hill	1	200	5.0	....	......	......
Deer Cr.—L. Prickly P. Cr.—Lewis & Clark	5	†200	5.0	....	......	......
Deer Cr.—Ten Mile Cr.—Lewis & C.	1	100	2.5	....	......	......
Deer Cr.—Kootenai R.—Lincoln	1	700	17.5	....	......	......
Deer Cr.—Comb Cr.—Meagher	1	200	5.0	....	......	......
Deer Cr.—Horse Cr.—Meagher	2	360	9.0	....	......	......
Deer Cr.—Musselshell R.—Meagher	1	250	6.2	....	......	......
Deer Cr.—Sheep Cr.—Meagher	1	300	7.5	....	......	......
Deer Cr.—Missoula R.—Mineral	4	14,200	355.0	....	......	......
Deer Cr.—St. Regis R.—Mineral	7	6,900	172.5	....	......	......
Deer Cr.—9 Mile Cr.—Missoula	1	500	12.5	....	......	......
Deer Cr.—Hell Gate R.—Missoula	9	†2,824	70.6	....	......	......
Deer Cr. .... Park	2	640	16.0	....	......	......
Deer Cr.—Nevada Cr.—Powell	6	†900	22.5	3	175	4.4
Deer Cr.—Bitterroot R.—Ravalli	1	50	1.2	....	......	......
Deer Cr.—Rosebud R.—Rosebud	3	2,500	62.5	....	......	......
Deer Cr.—Missoula R.—Sanders	1	120	3.0	....	......	......
Deer Cr.—Little Muddy Cr.—Sheridan	2	1,400	35.0	....	......	......
Deer Cr.—Willow Cr.—Toole	8	3,500	87.5	....	......	......
W. F. Deer Cr.—Deer Cr.—Toole	1	500	12.5	....	......	......
Deer Cr. .... Yellowstone	4	1,050	26.2	....	......	......
Deer Gulch—Missouri R.—Broadwater	2	150	3.7	....	......	......
Deer Gulch—B. Blackfoot R.—Powell	1	300	7.5	....	......	......

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WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Deer Gulch—Ophir Cr.—Powell	1	†	......	....	......	......
Deer Head Lake—Big Hole R.—Beaverhead.		See Willow Creek.				
Deer Lodge Basin Cr.—Boulder Cr.—Granite	4	950	23.8	....	......	......
Deer L. R.—Hell Gate R.... Deer Lodge Silver Bow Powell	52	†20,365§	509.1	....	......	......
N. F. Deer Lodge Cr. .... Deer Lodge		See Silver Bow Creek.				
R. F. D. Lodge Cr.—D. Lodge Cr.—D. Lodge		See Deer Lodge River.				
S. F. D. Lodge Cr.—D. Lodge R.—Deer Lodge		See Willow Creek.				
W. F. D. Lodge Cr. .... Deer Lodge		See Warm Spring Creek.				
Deer Park Cr.—16 Mile Cr.—Gallatin	1	25	0.6	....	......	......
Deer & Wilson Cr.—Spring Cr.—Powell	1	40	1.0	....	......	......
Deigenhart Cr.—B. Hole R.—Beaverhead	2	320	8.0	....	......	......
De Mar Coulee—Big Sandy Cr.—Chouteau	1	800	20.0	....	......	......
Demmons Cr.—Big Blackfoot R.—Missoula	1	30	0.8	....	......	......
Democrat Cr.—Elk Cr.—Meagher	2	125	3.1	....	......	......
Dempsy Coulee—Missouri R.—Sheridan	5	1,400	35.0	....	......	......
Dempsey Cr.—Baboon Gulch—Powell	25	†24,175§	604.4	21	2,704	67.6
Dempsey Cr.—Divide Cr.—Silver Bow	1	50	1.2	....	......	......
Denney Cr.—Madison R.—Gallatin	11	4,084§	102.1	....	......	......
Denny Cr.—Willow Cr.—Toole	1	100	2.5	....	......	......
Deno Cr.—Wise R.—Beaverhead	4	300	7.5	....	......	......
Denson Coulee .... Teton	1	200	5.0	....	......	......
Denton Cr.—Wolf Cr.—Lewis & Clark	1	50	1.2	....	......	......
Derosiar Cr.—Tobacco R.—Lincoln	1	160	4.0	....	......	......
De Rosier Cr.—Ashley Cr.—Flathead	1	200	5.0	....	......	......
Desert Coulee—Little Sage Cr.—Hill	2	220	5.5	....	......	......
Desert Cr.—Indian Cr.—Custer	1	500	12.5	....	......	......
Des Rosier Coulee—Clear Cr.—Blaine	1	400	10.0	....	......	......
Devil Cr.—Big Timber Cr.—Sweetgrass	3	700	17.5	3	360	9.0
Devils Basin Coulee—Willow Cr.—Musselshell and Fergus	1	160	4.0	....	......	......
Devils Cr.—Box Elder Cr.—Fallon	2	175	4.4	....	......	......
Devils Hole Cr.—Pole Cr.—Musselshell	2	400	10.0	....	......	......
Devils Lake—N. F. Flathead R.—Flathead	1	50,000	1,250.0	....	......	......
Devlin Coulee—Dry Fork Marias—Teton	1	400	10.0	....	......	......
Devlin Coulee—Pondera Cr.—Teton	1	600	15.0	....	......	......
Dew Drop Cr.—Missoula R.—Missoula	1	300	7.5	....	......	......
Dewey Cr.—Musselshell R.—Musselshell	1	200	5.0	....	......	......
Dewey's Flat—Big Hole R.—Beaverhead	1	200	5.0	....	......	......
Dew's Cr.—Trail Cr.—Toole	11	1,260	31.5	....	......	......
E. F. Dew's Cr.—Dew's Cr.—Toole	1	80	2.0	....	......	......
W. F. Dew's Cr.—Dew's Cr.—Toole	1	80	2.0	....	......	......
D. H. S. Coulee—Dry Lake—Toole	1	300	7.5	....	......	......
D. H. S. Cr.—Beaver Cr.—Valley	7	12,400	310.0	....	......	......
N. F. D. H. S. Cr.—D. H. S. Cr.—Valley	1	576	14.4	....	......	......
Diablo Cr.—Bison Cr.—Jefferson	1	80	2.0	....	......	......
Diamond Coulee Cr.—B. Muddy Cr.—Sheridan	3	1,400	35.0	....	......	......
Diamond Cr.—N. F. Musselshell R.—Meagher	1	200	5.0	....	......	......
Diamond G. Cr.—Cottonwood Cr.—Dawson	3	580	14.5	....	......	......
Diamond Lake—Deer Cr.—Missoula		See Deer Creek.				
Diamond Lake—Torino Cr.—Missoula		See Torino Creek.				
Diamond R. Cr.—Tongue R.—Rosebud	1	600	15.0	....	......	......
Diamond Trail Cr. .... Valley	1	300	7.5	....	......	......
Dice Cr.—Dyes Cr.—Beaverhead		See Dye's Creek.				
E. F. Dice Cr.—Dyes Cr.—Beaverhead		See E. F. Dyes Creek.				
Dick Cr.—Hay Cr.—Custer	1	1,000	25.0	....	......	......
Dick Cr.—Mizpah Cr.—Custer	2	900	22.5	....	......	......
Dick Cr.—McCable Cr.—Powell	10	†4,000§	100.0	....	......	......
Dickie Coulee—Box Elder Cr.—Cascade	1	40	1.0	....	......	......
Dick Knowles Cr.—Hell Gate R.—Granite	1	100	2.5	....	......	......
Dickson Coulee—Taylor Cr.—Blaine	1	40	1.0	....	......	......
Dickson Cr.—Flathead Cr.—Gallatin	1	150	3.8	....	......	......
Dick Thomas Coulee—Martin Cr.—Valley	5	1,930	48.2	....	......	......
Dingley Cr.—Hot Springs Cr.—Beaverhead	2	300	7.5	2	360	9.0
E. Dinson Coulee—Willow Cr.—Toole	1	300	7.5	....	......	......
W. Dinson Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Dipoine Cr.—Dupuyer Cr.—Teton	1	3,000	75.0	....	......	......

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WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Dipping Cr.—Gorman Cr.—Chouteau	2	320	8.0	....	......	......
Dipping Tank Coulee—Sage Cr.—Fergus....	1	750	19.0	....	......	......
Dipping Tank Coulee—Sun R.—Teton	1	600	15.0	....	......	......
Dipping Tank Cr.—Judith R.—Fergus	3	660	16.5	....	......	......
Dipping Vat Coulee—Arrow Cr.—Cascade ..	6	800	20.0	....	......	......
Dippinvat Coulee—Arrow Cr.—Cascade		See Dipping Vat Coulee.				
Dirty Cr.—Redwater Cr.—Dawson	1	1,000	25.0	....	......	......
Dirty Cr. .... Meagher		See Mud Creek.				
Dirty Dick Cr.—Flint Cr.—Granite	7	†550	13.8	....	......	......
Dirty Ike—Cr.—Hell Gate R.—Missoula	1	all	......	....	......	......
Dirty Oak Cr.—Hellgate R.—Missoula	1	50	1.2	....	......	......
Distillery Cr.—Mill Cr.—Missoula	1	50	1.2	....	......	......
Ditch Coulee—Cherry Cr.—Valley	1	320	8.0	....	......	......
Ditch Cr.—S. Br. of W. F. of Madison—Mad'n	2	800	20.0	....	......	......
Ditch Cr.—Tenderfoot Cr.—Meagher	2	260	6.5	....	......	......
Ditch Cr.—Horse Cr.—Rosebud	1	3,000	75.0	....	......	......
Divide Coulee—Shot Gun Cr.—Sheridan	1	5,184	129.6	....	......	......
Divide Coulee—Dry Fork Marias—Teton	1	600	15.0	....	......	......
Divide Cr.—Horse Prairie Cr.—Beaverhead..	11	3,320	83.0	1	80	2.0
Divide Cr.—Sage Cr.—Beaverhead	2	1,120	28.0	....	......	......
Divide Cr.—Sheep Cr.—Beaverhead	2	†400	10.0	4	921	23.0
Divide Cr.—Box Elder Cr.—Fergus	5	†500	12.5	....	......	......
Divide Cr.—Stony Cr.—Granite	1	40	1.0	....	......	......
Divide Cr.—N. F. Smith R.—Meagher	2	500	12.5	....	......	......
Divide Cr.—Big Hole R.—Silver Bow........	30	†9,654§	241.3	....	......	......
E. F. Divide Cr.—Divide Cr.—Silver Bow ..	5	†300	7.5	....	......	......
M. F. Divide Cr.—Divide Cr.—Silver Bow ..	2	1,500	37.5	....	......	......
N. F. Divide Cr.—Divide Cr.—Silver Bow ..	3	1,550	38.8	....	......	......
N. E. F. Divide Cr—Divide Cr.—Silver Bow.	2	†50	1.2	....	......	......
S. F. Divide Cr.—Divide Cr.—Silver Bow ...	3	2,500	62.5	....	......	......
W. F. Divide Cr.—Divide Cr.—Silver Bow..	1	†	......	....	......	......
R. & L. Fork Divide Cr.—Divide Cr.—S. Bow		See Divide Creek.				
Divide Cr.—E. F. Sweetgrass Cr.—Sweetgrass	1	80	2.0	....	......	......
Divide Cr. .... Teton	1	2,000	50.0	....	......	......
Divide Gulch—Gold Cr.—Powell	1	all	......	....	......	......
Division Coulee—Rocky Coulee—Teton	1	800	20.0	....	......	......
Dixie Cr.—Y. Doodle Gulch—Silver Bow	2	1,200	30.0	....	......	......
Dixon Cr.—Trail Cr.—Beaverhead	3	3,000	75.0	....	......	......
N. F. Dixon Cr.—Dixon Cr.—Park	2	140	3.5	....	......	......
S. F. Dixon Cr.—Dixon Cr.—Park	1	†	......	....	......	......
Dixon Cr.—E. F. Bitterroot R.—Ravalli	2	400	10.0	....	......	......
Doaby Coulee—Cottonwood Cr.—Hill	2	1,000	25.0	....	......	......
Doak Cr.—Pipe Cr.—Lincoln	1	200	5.0	....	......	......
Dobler's Gulch—Spokane Cr.—Broadwater..	2	195	4.9	....	......	......
Dobson Cr.—Kootenai R.—Lincoln	1	200	5.0	....	......	......
Dobe Cr.—Milk R.—Valley	2	†5,000	125.0	....	......	......
Doby Draw—Box Elder Cr.—Fallon	1	1,000	25.0	....	......	......
Doc Canon Cr.—E. Gallatin Cr.—Gallatin...	1	†	......	....	......	......
Dodge Cr.—W. Gallatin R.—Gallatin........	....	......	......	1	100	2.5
Dodge Cr.—Kootenai R.—Lincoln	1	100	2.5	....	......	......
Dodge Gulch—Moose Cr.—Silver Bow	1	all	......	....	......	......
Dodson Coulee—Milk R.—Blaine		See Dodson Creek.				
Dodson Cr.—Milk R.—Blaine	15	93,560	2,339.0	....	......	......
N. F. Dodson Cr.—Dodson Cr.—Blaine	1	200	5.0	....	......	......
Does Coulee—Missouri R.—Dawson	1	10,080	252.0	....	......	......
Dog Coulee—Willow Cr.—Cascade	1	40	1.0	....	......	......
Dog Coulee—Cottonwood Cr.—Lewis & Clark	1	50	1.2	....	......	......
Dog Coulee—Dry Lake—Toole	1	400	10.0	....	......	......
Dog Cr.—East Hound Cr.—Cascade	1	50	1.2	....	......	......
Dog Cr.—Eagle Cr.—Chouteau	15	22,355	558.9	....	......	......
N. E. Trib. Dog Cr.—Dog Cr.—Chouteau	1	40	1.0	....	......	......
N. Trib. Dog Cr.—Dog Cr.—Chouteau	3	134	3.3	....	......	......
Dog Cr.—Powder R.—Custer	1	2,500	62.5	....	......	......
Dog Cr. .... Custer	1	560	14.0	....	......	......
Dog Cr.—Box Elder Cr.—Fallon	1	1,200	30.0	....	......	......
Dog Cr.—Missouri R.—Fergus	36	6.056	151.4	....	......	......
N. F. Dog Cr.—Dog Cr.—Fergus	3	625	15.6	....	......	......
S. F. Dog Cr.—Dog Cr.—Fergus	8	1,110	27.8	....	......	......

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WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
W. F. Dog Cr.—Dog Cr.—Fergus	3	720	18.0	....	......	......
Dog Cr.—Stillwater R.—Flathead	1	24	0.6	....	......	......
Dog Cr.—Missouri R.—Lewis & Clark	8	a1,585§	39.6	....	......	......
N. F. Dog Cr.—Dog Cr.—Lewis & Clark	1	100	2.5	....	......	......
Lewis & Clark						
Dog Cr.—L. Blackfoot R. .... Powell	34	†7,912§	197.8	....	......	......
Dog Cr.—Billman Cr.—Park	1	160	4.0	....	......	......
Dog Cr.—Yellowstone R.—Park	8	†169§	4.2	1	all	......
Dog Cr.—Yellowstone R.—Rosebud	1	500	12.5	....	......	......
Dog Cr.—L. Bitterroot R.—Sanders	2	4,400	110.0	....	......	......
Dog Cr.—Willow Cr.—Valley	2	†80	2.0	....	......	......
Doge Cr.—Milk R.—Valley	4	11,000	275.0	....	......	......
Dog Gulch—Powder R.—Custer	1	500	12.5	....	......	......
Dog Gulch—Ford's Cr.—Fergus	1	150	3.8	....	......	......
Dogie Cr.—Little Powder R.—Custer	2	3,500	87.5	....	......	......
Dog Lake—Flathead R.—Sanders	2	47,000	1,175.0	....	......	......
Dog Out Cr.—Hell Gate R.—Granite	1	200	5.0	....	......	......
Dogtown Coulee—B. Cottonwood Cr.—Valley	1	200	5.0	....	......	......
Dogtown Cr.—Peoples Cr.—Blaine	2	600	15.0	....	......	......
Dog Wolf Cr.—Wolf Cr.—Cascade	3	1,460	36.5	....	......	......
Dogy Cr.—Willow Cr.—Valley		See Dog Creek.				
Doherty Cr.—Cable Cr.—Granite	1	all	......	....	......	......
Dohney Coulee—Box Elder Cr.—Fergus	1	200	5.0	....	......	......
Dohrs Cr.—Bear Cr.—Hill	4	680	17.0	....	......	......
E. F. Dominion Cr.—Dominion Cr.—Mineral	1	80	2.0	....	......	......
W. F. Dominion Cr.—Dominion Cr.—Mineral	1	80	2.0	....	......	......
Donabou Cr.—Yellowstone R.—Park		See Donnahoo Creek.				
Donahoo Cr.—Yellowstone R.—Park		See Donnahoo Creek.				
Donahue Cr.—Yellowstone R.—Park		See Donnahoo Creek.				
Donnahoo Cr.—Yellowstone R.—Park	10	†1,380§	34.5	....	......	......
L. Fk. Donnahoo Cr.—Donnahoo Cr.—Park		See Donnahoo Creek.				
R. Fk. Donnahoo Cr.—Donnahoo Cr.—Park		See Donnahoo Creek.				
Donnelly Coulee—Missouri R.—Cascade	1	100	2.5	....	......	......
Donovan Cr.—Hell Gate R.—Missoula	2	240	6.0	....	......	......
Doolittle Cr.—Big Hole R.—Beaverhead	11	3,600	90.0	....	......	......
Dooney Cr.—Madison R.—Gallatin	1	all	......	....	......	......
Doran Gulch—Basin Cr.—Silver Bow	1	all	......	....	......	......
Doris Cr. .... Custer	1	720	18.0	....	......	......
Dotterer Coulee—Teton R.—Teton	1	400	10.0	....	......	......
Double Corral Cr.—Mizpah Cr.—Custer	6	4,000	100.0	....	......	......
Double Coulee—Bull Hook Cr.—Hill	1	100	2.5	....	......	......
Double Cr.—Powder R.—Custer	1	500	12.5	....	......	......
Double Mouth Coulee—Beaver Cr.—Valley	1	600	15.0	....	......	......
Double Spring Cl.—Muddy Cr.—Teton 6-W	1	200	5.0	....	......	......
Double Spr. Cl.—Muddy Cr.—Teton—12-W	1	200	5.0	....	......	......
Dougherty's Coulee—Willow Cr.—Teton	1	200	5.0	....	......	......
Douglass Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Douglas Cr.—Flint Cr.—Granite	18	†4,940§	123.5	7	665	16.6
S. F. Douglass Cr.— Douglass Cr.—Granite		See Douglas Creek.				
Douglas Cr.—Nevada Cr.—Lewis & Clark	4	†	......	....	......	......
S. Prong Douglas Gulch—Douglas Cr.—Lewis & Clark		See Douglas Creek.				
Douglass Cr.—Nevada Cr.—Powell	10	†5,500§	137.5	11	2,600	65.0
Dovetail Cr.—Musselshell R.—Fergus	1	all§	......	....	......	......
Dow Cr.—Bassett Cr.—Park	1	500	12.5	....	......	......
Dowd Coulee—Musselshell R.—Musselshell	1	320	8.0	....	......	......
Dowling Cr.—St. Regis R.—Mineral	1	100	2.5	....	......	......
Drab's Coulee .... Valley	1	600	15.0	....	......	......
Drain Cr. .... Cascade	1	60	1.5	....	......	......
Drain Cr.—Spring Cr.—Dawson	1	500	12.5	....	......	......
Dream Gulch—Belt Cr.—Cascade	1	100	2.5	....	......	......
Drinker Coulee—Larb Cr.—Valley	1	1,000	25.0	....	......	......
Drinkwater Cr.—Piegan Cr.—Lewis & Clark	7	†590	14.8	....	......	......
Dromedary Cr.—Y. Doodle Cr.—Silver Bow	1	20	0.5	....	......	......
Dry Coulee—Milk R.—Blaine	1	1,000	25.0	....	......	......

a—Add one filing of 120 acre feet.

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Dry Coulee—Red Rock Coulee—Blaine	1	820	20.5	....	......	......
Dry Coulee—Belt R. (20-N)—Cascade	1	288	7.2	....	......	......
Dry Coulee—Belt R. (19-N)—Cascade	1	50	1 2	....	......	......
Dry Coulee—Big Otter Cr. (18-N)—Cascade.	2	390	9.8	....	......	......
Dry Coulee—Big Otter Cr. (17-N)—Cascade	1	100	2.5	....	......	......
Dry Coulee—Bird Cr.—Cascade	2	200	5.0	....	......	......
Dry Coulee—Box Elder Cr. (18 N.)—Cascade	2	200	5.0	....	......	......
Dry Coulee—Box Elder Cr. (19N)—Cascade	1	200	5.0	....	......	......
Dry Coulee—Box Elder Cr. (20N)—Cascade	1	150	3.8	....	......	......
Dry Coulee—Cora Cr.—Cascade	2	64	1.6	....	......	......
Dry Coulee—Hay Cr.—Cascade	3	470	11.7	....	......	......
Dry Coulee—Willow Cr.—Cascade	1	100	2.5	....	......	......
Dry Coulee—N. Willow Cr.—Cascade	1	160	4.0	....	......	......
Dry Coulee—Shonkin Cr.—Chouteau	2	640	16.0	....	......	......
Dry Coulee—Powder R.—Custer	1	1,000	25.0	....	......	......
Dry Coulee—M. F. Bad Route Cr.—Dawson.	1	500	12.5	....	......	......
Dry Coulee—Big Dry Cr.—Dawson	1	80	2.0	....	......	......
Dry Coulee—Lower 7 Mile Cr.—Dawson	1	100	2.5	....	......	......
Dry Coulee—Yellowstone R.—Dawson (13 N)	2	1,200	30.0	....	......	......
Dry Coulee—Yellowstone R.—Dawson (14 N)	1	200	5.0	....	......	......
Dry Coulee—Buffalo Cr.—Fergus			See Dry Creek.			
Dry Coulee—Bull Hook Cr.—Hill	1	200	5.0	....	......	......
Dry Coulee—Big Coulee Cr.—Musselshell	1	all	......	....	......	......
Dry Coulee—Musselshell R.—Musselshell 26E	1	200	5.0	....	......	......
Dry Coulee—Musselshell R.—M'shell (29-E).	1	100	2.5	....	......	......
Dry Coulee—Pole Cr.—Musselshell	1	200	5.0	....	......	......
Dry Coulee—Willow Cr. 9-11 N 22 E—M'shell	1	200	5.0	....	......	......
Dry Coulee—Willow Cr. 35 11 N 22 E—M'hell	3	1,000	25.0	....	......	......
Dry Cl—Willow Cr.—2 11 N 23 E—M'shell	2	360	9.0	....	......	......
Dry Coulee—4 Mile Cr.—Richland	2	8,500	212.5	....	......	......
Dry Coulee—Hay Cr.—Richland	1	2,000	50.0	....	......	......
Dry Coulee—(2nd) Hay Cr.—Richland	1	400	10.0	....	......	......
Dry Coulee—Missouri R.—Richland (26 N).	1	1,080	27.0	....	......	......
Dry Coulee—Missouri R.—Richland (27 N).	1	160	4.0	....	......	......
Dry Coulee—Prairie Elk Cr.—Richland	1	500	12.5	....	......	......
Dry Coulee—Sand Cr.—Richland	2	2,160	54.0	....	......	......
Dry Coulee—Yellowstone R.—Rosebud (36 E)	1	160	4.0	....	......	......
Dry Coulee—Yellowstone R. (44 E)—Rosebud	1	400	10.0	....	......	......
Dry Coulee—Dry Fork Marias—Teton	1	400	10.0	....	......	......
Dry Coulee—Piser Cr.—Teton	2	300	7.5	....	......	......
Dry Coulee—Willow Cr.—Toole	1	400	10.0	....	......	......
Dry Coulee—Cherry Cr.—Valley	2	2,528	63.2	....	......	......
Dry Coulee—Milk R.—Valley	1	200	5.0	....	......	......
Dry Coulee—Rock Cr.—Valley	1	300	7.5	....	......	......
Upper Dry Coulee—Dry Coulee—Valley	2	4,000	100.0	....	......	......
Dry Coulee—Cedar Cr.—Yellowstone	1	200	5.0	....	......	......
Dry Cr.—Big Hole R.—Beaverhead	3	560	14.0	....	......	......
Dry Cr.—Blacktail Deer Cr.—Beaverhead	2	65	1.6	....	......	......
Dry Cr.—Grasshopper Cr.—Beaverhead	1	25	0.6	....	......	......
Dry Cr.—Rosebud R.—Big Horn	6	1,700	42.5	....	......	......
S. F. Dry Cr.—Dry Cr.—Big Horn 6-S	1	500	12.5	....	......	......
Dry Cr.—Rosebud R.—Big Horn 7-S	2	1,200	30.0	....	......	......
Dry Fork Cr.—Tongue R.—Big Horn	2	400	10.0	....	......	......
Dry Cr.—Missouri R.—Broadwater	9	1,910	47.8	7	1,135	28.4
Dry Cr.—Clarke Fork—Carbon	5	1,120	28.0	....	......	......
M. F. Dry Cr.—Dry Cr.—Carbon	2	260	6.5	....	......	......
N. F. Dry Cr.—Dry Cr.—Carbon	5	†660	16.5	....	......	......
S. F. Dry Cr.—Dry C.—Carbon	2	500	12.5	....	......	......
Dry Cr.—Rock Cr.—Carbon	7	1,620	40.5	....	......	......
Dry Cr.—Castner Coulee—Cascade	1	100	2.5	....	......	......
Dry Cr.—Little Muddy Cr.—Cascade	1	200	5.0	....	......	......
Dry Cr.—Shonkin Cr.—Chouteau	1	100	2.5	....	......	......
Dry Cr.—Brown Cr.—Custer	1	1,000	25.0	....	......	......
Dry Cr.—Cabin Cr.—Custer	1	500	12.5	....	......	......
Dry Cr.—Cottonwood Cr.—Custer	1	200	5.0	....	......	......
Dry Cr.—L. Powder R. (6-S)—Custer	1	1,000	25.0	....	......	......
Dry Cr.—Mizpah Cr.—Custer	1	400	10.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Dry Cr.—Powder R (1-N)—Custer	8	10,600§	265.0	....	......	......
Dry Cr.—Powder R. (3-N)—Custer	1	500	12.5	....	......	......
Dry Cr.—Powder R. (4-N)—Custer	1	200	5.0	....	......	......
Dry Cr.—Powder R. (6-N)—Custer	1	250	6.2	....	......	......
Dry Cr.—Powder R. (5 S)—Custer	1	800	20.0	....	......	......
Dry Cr.—Powder R. (6-S)—Custer	2	800§	20.0	....	......	......
Dry. Cr.—Powder R. (8 S.)—Custer	2	400	10.0	....	......	......
Dry Cr.—Pumpkin Cr. (2-S)—Custer	1	50	1.2	....	......	......
Dry Cr.—Pumpkin Cr. (4-S)—Custer	1	200	5.0	....	......	......
Dry Cr.—Spring Cr.—Custer	1	†	......	....	......	......
Dry Cr.—Yellowstone R. (5-N)—Custer	1	1,000	25.0	....	......	......
Dry Cr.—Yellowstone R. (7 N.)—Custer	2	1,500	37.5	....	......	......
Dry Cr.—Yellowstone R. (8-N)—Custer	1	2,000	50.0	....	......	......
Dry Cr. Custer	2	1,000	25.0	....	......	......
Dry Cr.—Bad Route Cr.—Dawson	1	200	5.0	....	......	......
Dry Cr.—Redwater Cr.—Dawson	2	2,000	50.0	....	......	......
Dry Cr.—Thompson Cr.—Dawson	1	500	12.5	....	......	......
Dry Cr.—Yellowstone R.—Dawson	1	300	7.5	....	......	......
Dry Cr. Dawson	4	2,180	54.5	....	......	......
Dry Cr.—Box Elder Cr.—Fallon	3	7,300	182.5	....	......	......
Dry Cr.—Duck Cr.—Fallon	1	200	5.0	....	......	......
N. F. Dry Cr.—Dry Cr.—Fallon	1	200	5.0	....	......	......
Dry Cr.—Little Beaver Cr. (1 N)—Fallon	1	500	12.5	....	......	......
Dry Cr.—Little Beaver Cr. (5-N)—Fallon	1	250	6.2	....	......	......
Dry Cr.—Little Missouri R.—Fallon	1	1,000	25.0	....	......	......
Dry Cr.—S. Milk Cr.—Fallon	1	1,000	25.0	....	......	......
Dry Cr.—Buffalo Cr.—Fergus	2	1,500	37.5	....	......	......
Dry Cr.—Ross Fork—Fergus	2	†200	5.0	....	......	......
Dry Cr.—Ashley Cr.—Flathead	1	200	5.0	....	......	......
Dry Cr.—Fisher Cr.—Flathead	1	160	4.0	....	......	......
Dry Cr.—Flathead R.—Flathead	1	all	......	....	......	......
Dry Cr.—E. Gallatin R.—Gallatin	12	†560§	14.0	11	550	13.8
Dry Cr.—Middle Cr.—Gallatin	3	290	7.2	....	......	......
Dry Cr.—Ross Cr.—Gallatin	1	100	2.5	3	100	2.5
Dry Cr.—E. F. Rock Cr.—Granite	1	300	7.5	....	......	......
Dry Cr.—Elkhorn Cr.—Jefferson	8	†935	23.4	....	......	......
W. F. Dry Cr.—Dry Cr.—Jefferson	1	400	10.0	....	......	......
Dry Cr.—Pipestone Cr.—Jefferson	1	20	0.5	....	......	......
Dry Cr.—Porcupine Cr.—Lewis & Clark	1	25	0.6	....	......	......
Dry Cr.—Indian Cr.—Lincoln	1	60	1.5	....	......	......
Dry Cr.—Lake Cr.—Lincoln	2	640	16.0	....	......	......
Dry Cr. Madison	2	140	3.5	....	......	......
Dry Cr.—See "Dry Bear Cr."—Madison						
Dry Cr.—Jefferson R.—Madison	6	†2,920§	73.0	....	......	......
Dry Cr.—N. Fork Smith R.—Meagher	1	500	12.5	....	......	......
Dry Cr.—Missoula R.—Mineral	9	8,060	201.5	....	......	......
Dry Cr.—St. Regis R.—Mineral	3	8,000	200.0	....	......	......
Dry Cr.—Clearwater R.—Missoula	1	160	4.0	....	......	......
*Dry Cr.—Mission Cr.—Missoula	9	201,550	5,038.8	....	......	......
Dry Cr.—Brackett Cr.—Park	....	......	......	1	50	1.2
Dry Cr.—Donnahoo Cr.—Park	1	80	2.0	....	......	......
N. F. Dry Cr.—Dry Cr.—Park	1	150	3.8	....	......	......
Dry Cr.—S. F. Elk Cr.—Park	1	300	7.5	4	225	5.6
Dry Cr.—Trail Cr.—Park	1	160	4.0	....	......	......
Dry Cr.—Yellowstone R. 2 S—Park	11	1,820§	45.5	....	......	......
Dry Cr.—Yellowstone R. 6 S—Park	4	1,840§	46.0	....	......	......
Dry Cr.—N. F. Big Blackfoot R.—Powell	11	10.200§	255.0	....	......	......
Dry Cr.—Bitterroot R.—Ravalli	5	1,600§	40.0	....	......	......
Dry Cr.—Burnt Fork Cr.—Ravalli	1	†	......	....	......	......
Dry Cr.—Lone Tree Cr.—Richland	1	800	20.0	....	......	......
Dry Cr.—Little Porcupine Cr.—Rosebud	1	300	7.5	....	......	......
S. F. Dry Cr.—Dry Cr.—Rosebud	1	200	5.0	....	......	......
Dry Cr.—Sand Cr.—Rosebud	1	300	7.5	....	......	......
Dry Cr.—Tongue R.—Rosebud 4 S	3	4,000	100.0	....	......	....
Dry Cr.—Tongue R.—Rosebud 5 S.	1	500	12.5	....	......	......
*Dry Cr.—Clark Fork—Sanders	8	†2,310	57.8	....	......	......
Dry Cr.—Little Bitterroot R.—Sanders	6	1,620	40.5	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
R. Fk. Dry Cr.—Dry Cr.—Sanders		See Dry Creek.				
Dry Cr.—Prospect Cr.—Sanders	7	2,250§	56.2	....	......	......
W. F. Dry Cr.—Dry Cr.—Sanders	1	240	6.0	....	......	......
Dry Cr. Sanders	4	†400	10.0	....	......	......
Dry Cr.—Big Muddy Cr.—Sheridan	1	160	4.0	....	......	......
Dry Cr.—Missouri R.—Sheridan	2	920	23.0	....	......	......
Dry Cr.—White Beaver Cr.—Stillwater	1	160	4.0	....	......	......
Dry Cr.—Big Elk Cr.—Sweetgrass	3	1,720	43.0	....	......	......
Dry Cr.—Big Timber Cr.—Sweetgrass	1	300	7.5	....	......	......
Dry Cr.—Billy Cr.—Sweetgrass	1	800	20.0	....	......	......
Dry Cr.—Otter Cr.—Sweetgrass	1	100	2.5	....	......	......
Dry Cr.—Swamp Cr.—Sweetgrass	3	1,100	27.5	3	332	8.3
Dry Cr.—Yellowstone R.—Sweetgrass	14	2,100§	52.5	....	......	......
N. Br. Dry Cr.—Dry Cr.—Valley	1	4,000	100.0	....	......	......
Dry Cr.—Yellowstone R.—Yellowstone 1 N.	2	1,000	25.0	....	......	......
Dry Cr.—Yellowstone R.—Yellowstone 4 N.	1	100	2.5	....	......	......
Dry Cr.—Basin Cr.—Jefferson	4	†1,750	43.8	....	......	......
Dry Fork—Elkhorn Cr.—Jefferson	1	all	......	....	......	......
Dry Gulch—Horse Prairie Cr.—Beaverhead.	....	......	......	1	40	1.0
Dry Gulch Broadwater	1	80	2.0	....	......	......
Dry Gulch—Missouri R.—Cascade	1	100	2.5	....	......	......
Dry Gulch—Powder R.—Custer	1	500	12.5	....	......	......
Dry Gulch—Lost Cr.—Deer Lodge	4	†100§	2.5	....	......	......
Dry Gulch Granite	3	720	18.0	....	......	......
Dry Gulch—Lowland Cr.—Jefferson	2	260	6.5	....	......	......
Dry Gulch—Last Chance Cr.—L. & Clark	12	†450§	11.2	....	......	......
R. Hd. Fk. Dry Gulch—Lewis & Clark		See Tucker Gulch.				
Dry Gulch—Sun R.—Lewis & Clark	20	†4,390§	109.8	....	......	......
Dry Gulch—Jefferson R.—Madison	3	†300	7.5	....	......	......
Dry Gulch—Hussey Cr.—Meagher	1	320	8.0	....	......	......
Dry Gulch—S. F. Smith R.—Meagher	1	100	2.5	....	......	......
Dry Gulch Missoula	1	1,000	25.0	....	......	......
Dry Gulch—Swm'ng Woman Cr.—Musselshell	1	75	1.9	....	......	......
Dry Gulch—Porcupine Cr.—Park	....	......	......	1	45	1.1
Dry Gulch—Yellowstone—Park	2	360	9.0	....	......	......
Dry Gulch—Bitterroot R.—Ravalli	1	40	1.0	....	......	......
Dry Gulch—Burnt Fork Cr.—Ravalli	1	50	1.2	....	......	......
Dry Gulch—Cow Cr.—Ravalli		See Strange Gulch.				
Dry Gulch—Three Mile Cr.—Ravalli	1	160	4.0	....	......	......
Dry Gulch—Willow Cr.—Ravalli	1	200	5.0	....	......	......
Dry Gulch—Missouri R.—Richland	2	2,000	50.0	....	......	......
Dry Gulch—Divide Cr.—Silver Bow	1	100§	2.5	....	......	......
Dry Hollow—Norwegian Cr.—Madison	1	100	2.5	....	......	......
Dry Lake—Snake Cr.—Blaine	1	200	5.0	....	......	......
Dry Lake—30 Mile Cr.—Blaine	2	320	8.0	....	......	......
Dry Lake—Flathead Cr.—Gallatin		See Flathead Creek.				
Dry Lake—Marias R.—Toole	32	a15,170§	379.2	....	......	......
Dry Lake—Milk R.—Valley	1	200	5.0	....	......	......
Dry Antelope Cr.—Antelope Cr.—Madison	1	120	3.0	....	......	......
Dry Ash Cr.—Redwater Cr.—Dawson	3	280	7.0	....	......	......
Dry Bear Cr.—Bear Cr.—Madison	4	660	16.5	....	......	......
Dry Beaver Cr.—Beaver Cr.—Blaine	22	9,840§	246.0	....	......	......
N. F. Dry Beaver Cr.—D. Beaver Cr.—Valley and Blaine	1	600	15.0	....	......	......
Dry Beaver Pond Cr. Jefferson	1	100	2.5	....	......	......
Dry Blacktail Cr.—Beaverhead R.—B'head.	1	40	1.0§	....	......	......
Dry Boulder Cr.—Jefferson R.—Madison	12	†1,605§	40.1	....	......	......
Dry Box Elder Cr.—Bear Cr.—Fergus	1	300	7.5	....	......	......
Dry Buffalo Cr.—Big Spr. Cr.—Fergus	5	1,120	28.0	....	......	......
Dry Butcher Cr.—Butcher Cr.—Carbon	1	100	2.5	....	......	......
Dry Canyon Cr.—Sw. Woman Cr.—Fergus	1	200	5.0	....	......	......
Dry Canyon Cr.—Teton R.—Teton	1	400	10.0	....	......	......
Dry Cottonwood—Missouri R.—Broadwater.	1	all	......	....	......	......
Dry Cottonwood Cr. Chouteau	1	800	20.0	....	......	......
Dry Cottonwood Cr.—Deer Lodge R.—Powell	17	5.150	128.8	....	......	......
Dry Coulee Cr.—Milk R.—Blaine	1	400	10.0	....	......	......

a—Add one filing of 14,000,000 gallons.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Dry Cr. Coulee—Big Sandy—Hill	1	8,000	200.0	....	......	......
Dry Flat Coulee—Dry Lake—Toole	1	120	3.0	....	......	......
Dry Fork of Armell's Cr.—Fergus		Filed under "A."				
Dry Fk. Boston Coulee—Boston Cl.—Cascade		Filed under "B."				
Dry Fork Coulee—Marias R.—Chouteau	4	530	13.2	....	......	......
M. F. Dry Fk. Cl.—Dry Fk. Coulee—Chouteau	1	160	4.0	....	......	......
Dry F. Coulee—Teton R.—Chouteau	8	2,040	51.0	....	......	......
Dry Fork Coulee—Corral Cr.—Hill	1	200	5.0	....	......	......
Dry Fork Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Dry Fork Cr.—N. F. of Milk R.—Blaine	5	51,900	1,297.5	....	......	......
Dry Fork Cr.—Missouri R.—Chouteau	1	20,000	500.0	....	......	......
Dry Fork's Cr.—Big Sandy—Chouteau-Hill	5	1,360	34.0	....	......	......
Dry Fork Cr. ....Custer	1	400	10.0	....	......	......
Dry Fork Cr.—Missoula R.—Missoula	1	160	4.0	....	......	......
Dry Fork Cr. ....Teton	1	64,000	1,600.0	....	......	......
Dry Fork Cr.—Big Porcupine Cr.—Valley	1	600	15.0	....	......	......
Dry Fork of Marias R.—Marias R.—Teton		Filed Under M.				
Dry Fork Willow Cr.—Willow Cr.—Toole		Filed under "W."				
Dryden Gulch—Ruby R.—Madison	1	†	......	....	......	......
Dry Gulch Cr.—Blacktail Deer Cr.—B'head	1	25	0.6	....	......	......
Dry Gulch Cr.—Dyer Cr.—Beaverhead	3	520	13.0	....	......	......
Dry Gulch Cr.—Little Sheep Cr.—Beaverhead	2	1,000	25.0	....	......	......
Dry Gulch C.—Medicine Lodge Cr.—B'v'head	1	640	16.0	....	......	......
Day Gulch Cr.—Miner Cr.—Beaverhead	1	160	4.0	....	......	......
Dry Gulch Cr.—Red Rock R.—Beaverhead	1	400	10.0	....	......	......
Dry Gulch Cr.—Thompson Gulch—Meagher.	2	125	3.1	....	......	......
Dry Gulch Cr. ....Missoula	1	200	5.0	....	......	......
Dry Head Cr.—Big Horn R.—Big Horn and Carbon	2	590	14.8	....	......	......
N. F. Dry Head Cr.—Dry Head Cr.—B. Horn and Carbon	1	100	2.5	....	......	......
S. F. Dry Head Cr.—Dry Head Cr.—B. Horn and Carbon	3	760	19.0	....	......	......
Dry Hollow Cr.—Big Hole R.—Beaverhead	1	400	10.0	....	......	......
Dry Hollow Cr.—Medicine Lodge Cr.—Beaverhead	1	640	16.0	....	......	......
Beaverhead						
Dry Hollow Cr.—Robb Cr. ....Madison.	3	960	24.0	....	......	......
Dry Horse Coulee—Missouri R.—Cascade	1	100	2.5	....	......	......
Dry Lake Coulee—Dry Lake—Hill	2	410	10.2	....	......	......
Dry Lake Coulee—Milk R.—Hill	2	840	21.0	....	......	......
Dry Lake Draw—Box Elder Cr.—Fallon	3	1,250	31.2	....	......	......
Dry Lake Gl. Cr.—Antelope Cr.—Madison	1	200	5.0	....	......	......
Dry Lake Sag—Chip Coulee—Chouteau	1	8,000	200.0	....	......	......
Dry Leonard Cr.—Leonard Cr.—Madison	1	40	1.0	....	......	......
Dry Moon Cr.—Little Beaver Cr.—Fallon	1	all	......	....	......	......
Dry Muddy Cr.—Little Muddy Cr.—Cascade.	1	200	5.0	....	......	......
Dry Muddy Cr.—Muddy Cr.—Cascade	1	10,000	250.0	....	......	......
Dry Park Cr.—Big Hole R.—Beaverhead	1	160	4.0	....	......	......
Dry Pole Patch Cr.—S. F. Dearborn R.—Lewis & Clark	1	100	2.5	....	......	......
Dry Razor Cr.—Razor Cr.—Yellowstone		See Razor Creek.				
Dry Run Coulee—Porcupine Cr.—Valley	2	800	20.0	....	......	......
Dry Run Cr.—Little Missouri R.—Fallon	1	500	12.5	....	......	......
Dry Run Cr.—Antelope Cr.—Valley	5	†6,050	151.2	....	......	......
W. Prong Dry Run Cr.—Dry Run Cr.—Valley	1	1,000	25.0	....	......	......
Dry Stinkey Coulee—Milk R.—Valley	1	2,000	50.0	....	......	......
Dry Timber Cr. .... Cascade	1	80	2.0	....	......	......
Dry Wolf Cr.—Wolf Cr.—Fergus	57	†20,859§	521.5	....	......	......
Dubay Cr.—See "Big Cr."—Flathead						
Du Bray Cr.—S. F. Sun R.—Lewis & Clark		See Dubray Creek.				
Dubray Cr.—S. F. Sun R.—Lewis & Clark	10	84,900	2,122.5	....	......	......
Ducello Cr.—Powder R.—Custer	1	400	10.0	....	......	......
Ducharm Cr.—Flathead R.—Flathead		See Big Creek.				
Duck Cr.—Red Rock R.—Beaverhead	3	1,460	36.5	....	......	......
Duck Cr.—Confederate Gulch—Broadwater		See Cottonwood Cr.				
Duck Cr.—Missouri R.—Broadwater	17	†4,160§	104.0	3	2,325	58.1

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Main Duck Cr.— Duck Cr. —Broadwater		See Duck Creek.				
M. F. Duck Cr.—Duck Cr.—Broadwater	1	1,000	25.0	....	......	......
North Fork Duck Cr.—Duck Cr.—Broadwater	1	1,000	25.0	....	......	......
S. F. Duck Cr.—Duck Cr.—Broadwater	1	250	6.2	1	46	1.2
Duck Cr.—Big Sandy—Chouteau	13	2,870	71.8	....	......	......
S. F. Duck Cr.—Duck Cr.—Chouteau	1	160	4.0	....	......	......
Duck Creek—Redwater Cr.—Dawson	2	5,500	137.5	....	......	......
W. Duck Cr.—Redwater Cr.—Dawson	1	1,000	25.0	....	......	......
Duck Cr.—Little Beaver Cr.—Fallon	1	500	12.5	....	......	......
S. F. Duck Cr.—Duck Cr.—Fallon	1	500	12.5	....	......	......
Duck Cr.—12 Mile Cr.—Fallon	3	1,780	44.5	....	......	......
Duck Cr.—Warm Spring Cr.—Fergus	9	1,379	34.5	....	......	......
Duck Cr.—Ford's Cr.—Fergus	2	400§	10.0	....	......	......
S. F. Duck Cr.—Duck Cr.—Fergus	2	400	10.0	....	......	......
Duck Cr.—Humbug Cr.—Lewis & Clark	1	all	......	....	......	......
Duck Cr.—Sheep Cr.—Sheridan	1	5,200	130.0	....	......	......
Duck Cr.—Yellowstone R.—Sweetgrass-Park	16	†2,200	55.0	20	3,132	78.3
E. F. Duck Cr.—Duck Cr.—Sweetgrass	5	1,125	28.1	2	214	5.3
M. F. Duck Cr.—Duck Cr.—Sweetgrass	4	3,900	97.5	....	......	......
S. F. Duck Cr.—Duck Cr.—Sweetgrass	1	300	7.5	....	......	......
W. F. Duck Cr.—Duck Cr.—Sweetgrass-Park	3	†210§	5.2	1	1,000	25.0
Duck Cr.—Sun R.—Cascade Teton	6	3,320	83.0	....	......	......
Duck Cr.—Sutherland Cr.—Valley	2	10,000	250.0	....	......	......
Duck Cr.—Yellowstone R.—Yellowstone	3	440	11.0	....	......	......
Duck Lake—Vermilion Cr.—Sanders	1	500	12.5	....	......	......
Duck Lake—Dry Lake—Toole	1	200	5.0	....	......	......
Duck Lake—Miner Coulee—Toole	1	100	2.5	....	......	......
Duck Lake Coulee—Black Cr.—Blaine	2	600	15.0	....	......	......
Dudley Cr.—W. Gallatin Cr.—Gallatin	5	15,000	375.0	1	55	1.4
Duffy Cr.—Smith R.—Meagher	1	1,000	25.0	....	......	......
Duffy Cr.—Basin Cr.—Silver Bow	3	370§	9.2	....	......	......
Dugan Cr.—Little Beaver Cr.—Fallon	7	2,976§	74.4	....	......	......
W. Dugan Cr.—Dugan Cr.—Fallon	1	200	5.0	....	......	......
Duggins Cr.—L. Beaver Cr.—Custer		See Dugan Creek.				
E. F. Duggins Cr.—L. Beaver Cr.—Custer		See Dugan Creek.				
Dug Out Coulee—Marias R.—Chouteau	15	2,500	†62.5§	....	......	......
E. Dug Out Coulee—Dug Out Cr.—Chouteau	1	all	......	....	......	......
W. F. D. Out Coulee—Dug Out Cl.—Chouteau	2	640	16.0	....	......	......
Dug Out Coulee—Hardscrabble Cr.—Richland	2	†1,000	25.0	....	......	......
Dug Out Cr.—O'Fallon Cr.—Fallon	1	500	12.5	....	......	......
Dug Out Cr.—Dick Cr.—Powell	2	600	15.0	....	......	......
Dunbar Coulee—N. F. Whitewater—Valley	1	240	6.0	....	......	......
Dunbar Cr.—Jefferson R.—Gallatin	1	500	12.5	....	......	......
Duncan Cr. .... Carbon	1	40	1.0	....	......	......
Duncan Gulch—Pumpkin Cr.—Custer	1	400	10.0	....	......	......
Duncie Cr.—W. F. Rock Cr.—Granite	4	760	19.0	....	......	......
S. F. Duncie Cr.—Duncie Cr.—Granite	1	100	2.5	....	......	......
Dunham Coulee—Red R.—Toole	1	400	10.0	....	......	......
Dunham Gulch .... Madison	1	10	0.2	....	......	......
Dunkirk Coulee—Willow Cr.—Toole	3	600	15.0	....	......	......
S. Dunkirk Coulee—Sage Cr.—Hill	1	300	7.5	....	......	......
Dunkleberg Cr. .... Powell		See Dunkleburg Creek.				
Dunkleburg Cr.—Hell Gate Cr.—Granite	1	400	10.0	....	......	......
Dunkleburg Cr.—Big Blackfoot R.—Powell	5	2,115§	52.9	....	......	......
Dunlap Cr.—Beaverhead Cr.—Beaverhead	4	4,850	121.2	7	1,613	40.3
Dunlavey Cr.—Smith R.—Meagher	1	100	2.5	....	......	......
Dunlop Cr.—Yellowstone R.—Richland	1	30	0.8	....	......	......
Dunn's Canyon—Boulder Cr.—Jefferson	3	600	15.0	....	......	......
Dunn Cr.—Kootenai R.—Lincoln	1	40	1.0	....	......	......
Dunn Cr.—Trout Cr.—Mineral	1	200	5.0	....	......	......
Dunn's Gulch .... Broadwater	1	100	2.5	....	......	......
Dunn Campbell Cr.—Rock Cr.—Granite	1	100	2.5	....	......	......
Dunnigan Cr.—Nevada Cr.—Powell	3	436§	10.9	....	......	......
Dunshee Cr.—W. F. Rock Cr.—Granite		See Duncie Creek.				
Dunsmore Coulee .... Chouteau	1	40	1.0	....	......	......
Duplissie Coulee—E. Redwater Cr.—Richland	1	5,784	144.6	....	......	......
Dupuyer Cr. .... Cascade	1	10,000	250.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
*Dupuyer Cr.—Birch Cr.—Teton	41	161,048§	4,026.2	....	......	......
M. F. Dupuyer Cr.—Dupuyer Cr.—Teton	3	300	7.5	....	......	......
N. F. of M. F. of Dupuyer Cr.—M. F. Dupuyer Cr.—Teton	See M. F. Dupuyer Creek.					
N. F. of Dupuyer Cr.—Dupuyer Cr.—Teton	4	1,880	47.0	....	......	......
S. F. Dupuyer Cr.—Dupuyer Cr.—Teton	11	7,900	197.5	....	......	......
Dupy Cr. Deer Lodge	1	100	2.5	....	......	......
Durfee Cr.—Flatwillow Cr.—Fergus	See Durfey Creek.					
Durfey Cr.—Flatwillow Cr.—Fergus	4	†900	22.5	....	......	......
Durham Canyon—Blacktail Cr.—Silver Bow	1	20	0.5	....	......	......
Durst Cr.—Sixteen Mile Cr.—Meagher	1	50	1.2	....	......	......
Dusseault Cr.—Missoula R.—Missoula	1	500	12.5	....	......	......
Dutch Coulee—Marias R.—Chouteau	1	2,000	50.0	....	......	......
Dutch Coulee—Dry Lake—Toole	1	160	4.0	....	......	......
Dutch Cr.—Powder R.—Custer	4	3,100	77.5	....	......	......
Dutch Cr.—Missouri R.—Gallatin	4	300	7.5	....	......	......
Dutch Hollow—Junction Cr.—Beaverhead	4	920	23.0	....	......	......
Dutch Lakes—Nine Mile Cr.—Missoula	See Nine Mile Creek.					
Dutchman Cr. Custer	See Dutch Creek.					
Dutchman Cr.—Lost Cr.—Deer Lodge	4	†2,120	53.0	8	1,690	42.2
Dutchman Cr.—Prickly Pear Cr.—Jefferson	10	2,145	53.6	4	F 44	1.1
W. Dutchman Cr.—Dutchman Cr.—Jefferson	1	50	1.2	....	......	......
Dutchman's Hollow—Junction Cr.—B'head.	See Dutch Hollow Creek.					
Dutchman's Gl.—Missouri R.—Lewis & Clark	1	†	......	....	......	......
Dutro Coulee—Eagle Cr.—Hill	1	200	5.0	....	......	......
Dutro Coulee—Belt Cr.—Cascade	3	1,225	30.6	....	......	......
*Duval Cr.—Smith Cr.—Lewis & Clark	1	75	1.9	....	......	......
Dwelle Cr.—Madison R.—Gallatin	1	160	4.0	....	......	.....
Dyer Cr.—Grasshopper Cr.—Beaverhead	See Dyes Creek.					
Dyes Cr.—Grasshopper Cr.—Beaverhead	18	†5,680	142.0	....	......	......
E. F. Dyes Cr.—Dyes Cr.—Beaverhead	2	†	......	....	......	......
W. F. Dyes Cr.—Dyes Cr.—Beaverhead	1	200	5.0	....	......	......
Dynamite Coulee—Red R.—Teton	1	400	10.0	....	......	......
Dynasouros Cr.—White Beaver Cr.—Stillw'r.	1	160	4.0	....	......	......
E						
Eagle Coulee—Marias R.—Chouteau	1	all	......	....	......	......
Eagle Coulee—Willow Cr.—Hill	See Eagle Creek.					
Eagle Cr.—Peoples Cr.—Blaine	2	250	6.2	....	......	......
Eagle Cr.—Belt Cr.—Cascade	2	350	8.8	....	......	......
Eagle Cr.—Missouri R.—Chouteau	41	†7,795§	194.8	....	......	......
W. Br. Eagle Cr.—Eagle Cr.—Chouteau	2	260	6.5	....	......	......
Eagle Cr.—Rock Cr.—Granite	1	75	1.9	....	......	......
Eagle Cr.—Willow Cr.—Hill	45	†36,220§	905.5	....	......	......
N. F. Eagle Cr.—Eagle Cr.—Hill	1	100	2.5	....	......	......
W. F. Eagle Cr.—Eagle Cr.—Hill	1	300	7.5	....	......	......
Eagle Cr.—Wilson Cr.—Jefferson	1	150	3.8	....	......	......
Eagle Cr.—Willow Cr.—Lewis & Clark	See Eagle Gulch.					
Eagle Cr.—Elk Cr.—Meagher	1	200	5.0	....	......	......
Eagle Cr.—Smith R.—Meagher	13	2,060§	51.5	....	......	......
N. F. Eagle Cr.—Eagle Cr.—Meagher	See Eagle Creek.					
Eagle Cr.—Yellowstone R.—Park	6	†500§	12.5	....	......	......
Eagle Cr.—Sweeney Cr.—Rosebud	5	†320	8.0	....	......	......
Prongs of Eagle Cr.—Eagle Cr.—Rosebud	See Eagle Creek.					
Eagle Cr.—B. Muddy Cr.—Sheridan	7	4,360	109.0	....	......	......
Eagle Gulch—Willow Cr.—Lewis & Clark	2	58	1.4	....	......	......
Eagle Gulch Madison	1	†	......	....	......	......
Eagle Gulch—Gold Cr.—Granite-Powell	1	all	......	....	......	......
Eagle Gulch—Divide Cr.—Silver Bow	1	150	3.7	....	......	......
Eagle Nest Coulee—Charley Cr.—Richland	1	200	5.0	....	......	......
Eagle Point Cr.—Whitefish Cr.—Flathead	1	320	8.0	....	......	......
"E" & "W" Coulee—Rock Cr.—Blaine	1	200	5.0	....	......	......
Earle Coulee—Deep Cr.—Teton	1	all	......	....	......	......
Early Coulee—O'Houlin Coulee—Chouteau	3	†640	16.0	....	......	......
Earl's Lake Madison	2	2,000	50.0	....	......	......
Earnest Coulee—Miner's Coulee—Toole	1	100	2.5	....	......	......

F—Federal decree.
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§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
East Butte Coulee—Wayne Cr.—Blaine		See Butte Coulee.				
East Coulee—Snake Cr.—Blaine	1	200	5.0	....	......	......
East Coulee—Pondera Coulee—Chouteau	1	600	15.0	....	......	......
East Coulee—Four Mile Cr.—Dawson	1	200	5.0	....	......	......
East Coulee—Shot Gun Cr.—Sheridan	2	1,728	43.2	....	......	......
East Coulee—Half Breed Cr.—Toole	3	400	10.0	....	......	......
East Coulee—Dry Lake Marias—Toole	1	400	10.0	....	......	......
East Coulee—Red R.—Toole	1	200	5.0	....	......	......
East Cr.—N. F. Sage Cr.—Beaverhead	2	380	9.5	....	......	......
Eastern Coulee—Arrow Cr.—Cascade	1	200	5.0	....	......	......
E. F. Coulee—Missouri R.—Richland	2	425,088	10627.2	....	......	......
E. F. Coulee—Snake Cr.—Valley	1	160	4.0	....	......	......
E. F. Cr.—Prickly Pear Cr.—Lewis & Clark	..	....	......	1	F 100	2.5
East Lake—S. Br. Willow—Ravalli	1	†	.....	....	......	......
East Lake Coulee—Shot Gun Cr.—Sheridan	2	600	15.0	....	......	......
E. Twin Lake—Big Hole R.—Beaverhead		See Lake Creek.				
Echo Lake Cr.—N. F. Flint Cr.—Granite	2	150	3.8	....	......	......
Echol's Gulch—Six Mile Cr.—Powell	1	250	6.2	1	75	1.9
Eclipse Cr.—Half Breed Cr.—Toole	3	340	8.5	....	......	......
E. Coulter Cr.—Coulter Cr.—Granite		See Coulter Creek.				
Eddy Cr.—Missoula R.—Mineral	7	2,050	51.2	....	......	......
Eddy Cr.—Clark F. Columbia R.—Sanders	5	2,800	70.0	....	......	......
Edgar Cr.—Douglas Cr.—Granite	2	100	2.5	....	......	......
Edge Cr.—Smith R.—Cascade	1	100	2.5	....	......	......
Edich Cr.—Red Lodge R.—Carbon	1	40	1.0	....	......	......
Edith Lake—Missoula R.—Missoula	1	†	......	....	......	.....
Edward Coulee—Musselshell R.—Rosebud	1	200	5.0	....	......	.....
Edwards Coulee—Yellowstone R.—Rosebud	2	1,000	25.0	....	......	......
Edwards Coulee .... Valley	1	1,594	39.8	....	......	.....
Edwards Cr.—Ford's Cr.—Fergus	5	860	21.5	....	......	......
Edwards Cr.—W. Gallatin—Gallatin	1	160	4.0	1	80	2.0
Edwards Cr.—Tobacco R.—Lincoln	2	360	9.0	....	......	......
"E. E." Cr.—Corral Cr.—Fallon	1	2,000	50.0	....	......	......
"E. F." Davis Cr.—Warm S. Cr.—Deer Lodge	1	3,000	75.0	....	......	......
Effinger Lake—Missoula R.—Missoula		See Rattlesnake Creek.				
E. Five Coulee—Milk R.—Valley	1	520	13.0	....	......	......
Ehrhart & Seyler's Gl.—German Gl.—S. Bow	1	all	......	....	......	......
Eight Mile Cr.—Harvey Cr.—Granite	2	2,060	51.5	....	......	......
Eight Mile Cl.—Cottonwood Cr.—Hill	1	240	6.0	....	......	......
Eight Mile Cr.—B. Blackfoot R.—Lewis & C.	2	4,000	100.0	....	......	......
Eight Mile Cr.—Madison R.—Madison	2	240	6.0	....	......	......
N. F. Eight Mile Cr.—N. F. Smith R.—M'her	1	300	7.5	....	......	......
S. F. 8 Mile Cr.—N. F. Smith R.—Meagher	1	100	2.5	....	......	......
Eight Mile Cr.—Trail Cr.—Park	32	9,010	225.2	....	......	......
S. F. Eight Mile Cr.—Eight Mile Cr.—Park	1	160	4.0	....	......	......
Eight Mile Cr.—Bitterroot R.—Ravalli	19	4,255	1,064.0	8	830	20.7
Eimer Cr.—Box Elder Cr.—Custer	1	500	12.5	....	......	......
Eisle Cr. .... Custer	1	50	1.2	....	......	......
Elbow Cr.—Clark Fork—Carbon	31	†4,810§	120.2	....	......	......
Elbow Cr.—S. F. Musselshell—Meagher	1	500	12.5	....	......	......
Elbow Cr.—Yellowstone R.—Park	16	†3,980§	99.5	22	2,110	52.7
Elder Cr.—L. Boulder R.—Jefferson	1	200	5.0	....	......	......
El Dorado Cr.—Flint Cr.—Granite	1	500	12.5	....	......	......
Eldorado Cr. .... Jefferson	2	2,000	50.0	....	......	......
Eldridge Cr.—Billman Cr.—Park	15	960	24.0	1	15	0.4
Electric Cr.—Yellowstone R.—Park	2	55	1.4	....	......	......
Eleven Mile Coulee—Red R.—Toole	1	300	7.5	....	......	......
Elges Cr.—Boulder R.—Sweetgrass	1	60	1.5	....	......	......
Elgin Gulch—Brown Gulch—Silver Bow	1	all	......	....	......	......
Elijah Cr.—L. Willow Cr.—Ravalli	2	200	5.0	....	......	......
Elizabeth Coulee .... Valley	1	600	15.0	....	......	......
Elizabeth Gulch—Cedar Cr.—Mineral	2	800	20.0	....	......	......
Elk Cr.—Red Rock R.—Beaverhead	4	1,340	33.5	1F	125	3.1
Elk Cr.—Rosebud R.—Big Horn	1	100	2.5	....	......	......
Elk Cr.—Hound Cr.—Cascade	9	†2,850§	71.2	....	......	......
Elk Cr.—Yogo Cr.—Cascade	5	1,950	48.7	....	......	......

F—Federal decree.
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*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Elk Cr.—Otter Cr.—Custer	2	960	24.0	....	......	......
Elk Cr.—Blake Cr.—Fergus	1	200	5.0	....	......	......
Elk Cr.—Flatwillow Cr.—Fergus	43	†30,650§	766.2	....	......	......
Dry F. Elk Cr.—Elk Cr.—Fergus	1	200	5.0	....	......	......
N. F. Elk Cr.—Elk Cr.—Fergus	1	150	3.7	....	......	......
S. F. Elk Cr.—Elk Cr.—Fergus	1	100	2.5	....	......	......
Elk Cr.—Potters Cr.—Gallatin	1	40	1.0	....	......	......
Elk Cr.—Madison R.—Madison-Gallatin	11	†2,790§	69.8	....	......	......
Elk Cr.—Flint Cr.—Granite	3	†80§	2.0	....	......	......
Elk Cr.—Bison Cr.—Jefferson	2	†200	5.0	....	......	......
*Elk Cr.—Dubray Cr.—Lewis & Clark	9	1,860	46.5	....	......	......
Elk Cr.—Camas Cr.—Meagher	15	5,290	132.2	....	......	......
Elk Cr.—Careless Cr.—Meagher	24	4,140	103.5	....	......	......
N. F. Elk Cr.—Elk Cr.—Meagher		See Elk Creek.				
Elk Cr.—Sheep Cr.—Meagher	1	160	4.0	....	......	......
Elk Cr.—Smith R.—Meagher	8	4,700	117.5	....	......	......
Elk Cr.—Clearwater R.—Missoula	2	10,640	266.0	....	......	......
Elk Cr.—Boulder R.—Park	1	400	10.0	....	......	......
Elk Cr.—Shields R.—Park	11	†3,960§	99.0	2	190	4.8
N. F. Elk Cr.—Elk Cr.—Park	11	†2,110§	52.8	17	2,185	54.6
S. F. Elk Cr.—Elk Cr.—Park	8	1,940§	48.5	13	1,195	29.9
Elk Cr.—B. Blackfoot R.—Powell	30	†20,760§	519.0	....	......	......
Elk Cr.—Clark F. Columbia R.—Sanders	13	6,847§	171.2	....	......	......
W. F. Elk Cr.—Elk Cr.—Sanders	4	235	5.9	....	......	......
Elk Cr.—E. Boulder R.—Sweetgrass	6	720	18.0	....	......	......
S. F. Elk Cr.—Elk—Sweetgrass	2	200	5.0	....	......	......
Elk Gulch—Blacktail Deer Cr.—Beaverhead	1	900	22.5	1	500	12.5
Elk Gulch—Yogo Cr.—Cascade		See Elk Creek.				
Elk Gulch—M. F. Hound Cr.—Cascade		See Elk Creek.				
Elk Gulch—Flint Cr.—Granite		See Elk Creek.				
Elk Lake—Elk Cr.—Beaverhead		See Elk Creek.				
Elk Lake—S. Willow Cr.—Madison	1	200	5.0	....	......	......
Elk R.—W. F. Madison R.—Madison	1	10,000	250.0	....	......	......
Elkhorn Coulee—Lone Tree Cr.—Richland	2	1,500	37.5	....	......	......
Elkhorn Cr.—Wise R.—Beaverhead	3	1,500	37.5	....	......	......
Elkhorn Cr.—L. Missouri—Fallon	11	9,748§	243.7	....	......	......
Elkhorn Cr.—Boulder R.—Jefferson	44	†10,101§	252.5	13	1,710	42.8
E. F. Elkhorn Cr.—Elkhorn Cr.—Jefferson	7	3,450	86.2	3	450	11.2
W. F. Elkhorn Cr.—Elkhorn Cr.—Jefferson	1	150	3.8	....	......	......
Elkhorn Cr.—Minnehaha Cr.—Lewis & Clark	1	100	2.5	....	......	......
Elkhorn Cr.—Willow Cr.—Lewis & Clark	9	10,994	274.8	....	......	......
L. H. F. Elkhorn Cr.—Elkhorn Cr.—L & C'lk	1	200	5.0	....	......	......
N. F. Elkhorn Cr.—Elkhorn Cr.—L. & Clark	2	400	10.0	....	......	......
R. F. Elkhorn Cr.—N. F. Elkhorn C.—L. & C.		See N. F. Elkhorn Creek.				
Elkhorn Cr.—Canon Cr.—Park	2	320	8.0	....	......	......
Elkhorn Cr.—Bitterroot R.—Ravalli	1	all	......	....	......	......
Elkhorn Wm. Spr. Cr.—Big Hole R.—B'head	1	160	4.0	....	......	......
Elk Park Cr.—Boulder R.—Park-Sweetgrass	1	500	12.5	....	......	......
Elk Park Canyon Cr.—S. Bow Cr.—S. Bow	6	525	13.1	....	......	......
Ellis Canyon—Powder R.—Custer	1	1,400	35.0	....	......	......
Ellis Coulee—Piser Cr.—Hill	1	1,000	25.0	....	......	......
Elliston Cr.—L. Blackfoot R.—Powell	3	155	3.9	....	......	......
Elm Coulee—Charlie Cr.—Richland	1	5,184	129.6	....	......	......
Elm Coulee—Hardscrabble Cr.—Dawson	1	250	6.2	....	......	......
Elm Coulee—Missouri R.—Richland	1	240	6.0	....	......	......
Elm Coulee—B. Muddy Cr.—Sheridan	1	1,000	25.0	....	......	......
Elm Coulee—L. Muddy Cr.—Sheridan	1	200	5.0	....	......	......
Elm Coulee—Red R.—Toole	1	80	2.0	....	......	......
Elmer's Coulee—Shonkin Cr.—Chouteau	1	300	7.5	....	......	......
Elmer Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Elston Cr.—Ross Fork—Fergus	1	400	10.0	....	......	......
Elston Cr.—W. Gallatin R.—Gallatin	1	all	......	....	......	......
Embleton Coulee .... Dawson	1	2,000	50.0	....	......	......
Embody Cr.—Rock Cr.—Granite	2	700	17.5	....	......	......
Emerson Cr.—L. Missouri R.—Fallon	1	300	7.5	....	......	......
Emigrant Cr.—Yellowstone R.—Park	43	26,200§	655.0	....	......	......
E. F. Emigrant Cr.—Emigrant Cr.—Park	6	2,288	57.2	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
N. F. Emigrant Cr.—Emigrant Cr.—Park ..	1	200	5.0	....	......	......
S. F. Emigrant Cr.—Emigrant Cr.—Park ..	1	200	5.0	....	......	......
Emigrant Gulch (Cr.)—Day Cr.—Gallatin ..	2	210	5.2	....	......	......
Emma Coulee—Ross Fork—Fergus	1	160	4.0	....	......	......
Emmel Cr. ....Custer	1	750	18.8	....	......	......
Emmett Cr. .... Ravalli	2	250	6.2	....	......	......
S. F. Emmett Cr.—Emmett Cr.—Ravalli ...	1	150	3.7	....	......	......
Encampment Cr.—E. Hound Cr.—Cascade ...	2	95§	2.4	....	......	......
Engle Coulee—Dry F. Marias—Teton	1	240	6.0	....	......	......
English Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
English George Cr.—Madison R.—Madison..	1	100	2.5	....	......	......
English Geo. Trail Cr.—Madison R.—Madison	3	400	10.0	....	......	......
Engelsgjered Cr.—Hamby Cr.—Beaverhead..	4	1,000	25.0	....	......	......
Ennis Cr.—Tobacco R.—Lincoln	1	1,200	30.0	....	......	......
Ennis Cr.—E. Boulder R.—Sweetgrass	1	700	17.5	....	......	......
Enos Cr.—E. Boulder R.—Sweetgrass	1	250	6.2	....	......	......
Enterprise Coulee—Lake Cr.—Sheridan	1	5,184	129.6	....	......	......
Enterprise Coulee—Dry Lake—Toole	1	500	12.5	....	......	......
Enterprise Coulee—Ash Cr.—Valley	1	1,728	43.2	....	......	......
Entwissel Coulee—B. Otter Cr.—Cascade	1	200	5.0	....	......	......
Eraster Cr.—B. Blackfoot R.—Powell		See Arastra Creek.				
Erickson Coulee—Snake Cr.—Blaine	1	800	20.0	....	......	......
Erickson Cr.—Medicine Lodge C.—B'head....	3	395	9.9	....	......	......
Erikson Cr. .... Missoula	1	200	5.0	....	......	......
Erie Cr.—Eagle Cr.—Chouteau	1	320	8.0	....	......	......
Erlson Gulch—Lone Man's G.—Deer Lodge	2	120	3.0	....	......	......
Erro Coulee—Red R.—Toole	2	600	15.0	....	......	......
Erwin Cr.—Byrnes Cr.—Cascade	4	416	10.4	....	......	......
Esler Lake—Rattlesnake Cr.—Beaverhead ..		See Rattlesnake Creek.				
Escallier Coulee—Dry Lake—Toole	2	600	15.0	....	......	......
Estel Placer Cr.—Blacktail Cr.—Silver Bow..	1	100	2.5	....	......	......
Etta Martin Cr.—Oregon Gulch—Mineral ..	1	†	......	....	......	......
Ettein Cr.—Judith R.—Fergus	1	500	12.5	....	......	......
Eureka Cr.—Milk R.—Blaine	4	3,280	82.0	....	......	......
N. E. Fork Eureka Cr.—Eureka Cr.—Blaine	1	400	10.0	....	......	......
N. W. Eureka Cr.—Eureka Cr.—Blaine	1	400	10.0	....	......	......
W. F. Eureka Cr.—Eureka Cr.—Blaine	1	2,000	50.0	....	......	......
Eureka Cr.—Cataract Cr.—Lewis & Clark...	12	4,300	175.0	....	......	......
Eustache Gulch—Nine Mile Cr.—Missoula ..	8	3,790	94.7	....	......	......
Evans Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Evans Cr.—Well Fork Rock Cr.—Lewis & C.	1	50	1.2	....	......	......
Evans Cr.—Finley Cr.—Flathead	..	....	......	1	f all	......
Evan Reese Canyon—Reese Cr.—Gallatin ...	1	all	......	....	......	......
Evergreen Cr.—Garden Cr.—Madison	1	240	6.0	....	......	......
Evergreen Cr.—Emigrant Cr.—Park	1	20	0.5	....	......	......
Everly Lake Outlet—Flathead R.—Flathead.		See Lake Everly.				
Everson Cr.—Horse Prairie Cr.—Beaverhead	3	640	16.0	8	979	24.5
Ewalt Cr.—L. Beaver Cr.—Fallon	1	500	12.5	....	......	......
Ewing Cr.—Big Horn R.—Carbon	1	300	7.5	....	......	......
Ewing Gulch .... Lewis & C.	1	†	......	....	......	......
*Exeter Coulee—Milk R.—Valley	5	7,200§	180.0	....	......	......
Expert Cr. .... Jefferson	1	800	20.0	....	......	......
Extension Cr.—Horse Prairie—Beaverhead..	16	4,000	100.0	....	......	......
F						
Faber's Coulee—Clear Cr.—Blaine	1	160	4.0	....	......	......
Faddick's Cr. .... Yellowstone	2	550	13.7	....	......	......
Fagerli Swamp—Birch Cr.—Teton	2	800	20.0	....	......	......
Fair Ground Cr.—Bitterroot R.—Missoula...	1	20	0.5	....	......	......
Fair Stake Cr. .... Granite	1	23,040	576.0	....	......	......
Fairview Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
Fairview Cr.—Five Mile Cr.—Yellowstone..	1	400	10.0	....	......	......
Fairweather Gulch ..... Silver Bow-Deer L.	2	†400	10.0	....	......	......
Fairy Cr.—Flathead Cr.—Gallatin	3	6,200	155.0	....	......	......
Fairy Lake—Flathead Cr.—Gallatin		See Fairy Creek.				

f—Federal decree.
†Add to filings amounts not given.
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§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Faith Gulch—Dog Cr.—Powell	1	100§	2.5	....	......	......
Falls Cr.—Bloody Dick Cr.—Beaverhead	1	400	10.0	....	......	......
Fall Cr.—Mansfield Cr.—Cascade	5	660	16.5	....	......	......
Falls Cr.—Ross Fork—Fergus	3	4,000	100.0	....	......	......
Fall Cr.—Missouri R.—Lewis & Clark	2	300	7.5	....	......	......
*Falls Cr.—Dearborn R.—Lewis & Clark	5	23,000	575.0	....	......	......
Falls Cr.—Lake Cr.—Lincoln	9	4,860	121.5	....	......	......
Falls Cr.—Pipe Cr.—Lincoln	1	1,000	25.0	....	......	......
Falls Cr.—B. Blackfoot R.—Missoula	1	160	4.0	....	......	......
*Falls Cr.—Jocko R.—Missoula	2	16,000	400.0	....	......	......
Falls Cr.—Condon Cr.—Missoula	3	8,500	212.5	....	......	......
Fall Cr.—Boulder Cr.—Park	7	10,000	250.0	....	......	......
Fall Cr.—Shields R.—Park	33	6,530§	163.2	8	972	24.3
Falls Cr.—Sun R.—Teton	3	700	17.5	....	......	......
Fall Gulch—Rock Cr.—Granite		See Falls Creek.				
Falls Fork—Elk Cr.—Lewis & Clark	1	1,000	25.0	....	......	......
Falls Gulch—Missouri—Lewis & Clark	1	600	15.0	....	......	......
Fall Meade Cr.—Boulder Cr.—Park		See Fall Creek.				
Fallang Cr.—Otter Cr.—Sweetgrass	2	260	6.5	....	......	......
Fallon Cr.—Tobacco R.—Lincoln	1	400	10.0	....	......	......
Fallon Cr .... Valley	2	3,500§	87.5	....	......	......
Fancy Cr. .... Jefferson	1	50	1.2	....	......	......
Fannie Parnell Cr.—Flint Cr.—Granite	1	2,000	50.0	....	......	......
Fanque Lake—Red River—Toole	1	100	2.5	....	......	......
Fanton Cr.—Grave's Cr.—Sanders	1	100	2.5	....	......	......
Farewell Cr.—Clark's Fork—Carbon	1	10	0.2	....	......	......
Farlin Cr.—Grasshopper Cr.—Beaverhead	4	540	13.5	3	160	4.0
S. F. Farley's Cr.—Brown Gulch—Silver Bow	1	all	......	....	......	......
Farmer's Coulee—Muddy Cr.—Teton	19	13,320	333.0	....	......	......
N. F. Farmer's Coulee—Farmer's Cl.—Teton.	2	1,000	25.0	....	......	......
Farmer Cr.—Owl Cr.—Big Horn	1	1,000	25.0	....	......	......
Farmer Cr.—Tongue R.—Big Horn	1	200	5.0	....	......	......
Farnham Cr.—L. Boulder R.—Jefferson	4	350	8.8	....	......	......
Farwell Cr.—Box Elder Cr.—Fallon	2	1,800	45.0	....	......	......
Fattig Cr.—Musselshell R.—Musselshell	15	†3,625	90.6	5	†94	2.3
Faulkner Cr.—Battle Cr.—Meagher	5	660	16.5	....	......	......
Favot Coulee—Pondera Coulee—Teton	2	400	10.0	....	......	......
Fawn Cr.—Robb Cr.—Madison	4	56,600	1,415.0	....	......	......
Feeley Draw .... Carbon	1	200	5.0	....	......	......
Feelix Cr.—Lake Cr.—Lincoln		See Felix Creek.				
Felix Cr.—Lake Cr.—Lincoln	2	620	15.5	....	......	......
Felix O'Neil Cr.—Divide Cr.—Silver Bow	1	300	7.5	....	......	......
Felker Coulee—Willow Cr.—Musselshell	1	200	5.0	....	......	......
E. F. Felker Cl.—Felker Cl.—Musselshell	1	100	2.5	....	......	......
Felton Coulee—Clear Cr.—Blaine	1	40	1.0	....	......	......
Fence Coulee—Pondera Coulee—Teton	1	400	10.0	....	......	......
Fenian Gulch—French Gl.—Silver Bow	1	100	2.5	....	......	......
Fenn Cr.—Lo Lo Cr.—Missoula	1	all	......	....	......	......
Fenne Gulch .... Jefferson	1	500	12.5	....	......	......
Ferguson Coulee—Pondera Cl.—Teton	1	200	5.0	....	......	......
Ferguson Cr.—McGinnis Cr.—Lincoln	1	100	2.5	....	......	......
Ferguson Lake .... Madlison	1	20,000	500.0	....	......	......
Fern Cr.—Lost Horse Cr.—Ravalli	2	608	15.2	....	......	......
Fern Cr.—Tin Cup Cr.—Ravalli	1	300	7.5	....	......	......
Ferris Coulee—Teton R.—Teton	1	100	2.5	....	......	......
Ferris Lake—Medicine L. Cr.—Beaverhead	1	320	8.0	....	......	......
Ferris Slough—Teton R.—Teton	1	200	5.0	....	......	......
Ferry Coulee—Hardscrabble Cr.—Richland	1	1,000	25.0	....	......	......
Ferry Cr.—Yellowstone R.—Park	14	1,820	45.5	7	518	12.9
Fey Coulee—Cottonwood Cr.—Hill	5	21,200	530.0	....	......	......
Fey Storage Res. Cl.—Miners' Coulee—Toole	4	380	9.5	....	......	......
Fiddler Cr.—W. Rosebud R.—Stillwater	7	1,357	33.9	....	......	......
E. F. Fiddler Cr.—Fiddler Cr.—Stillwater.	2	320	8.0	....	......	......
W. F. Fiddler Cr.—Fiddler Cr.—Stillwater.	2	320	8.0	....	......	......
Field Cr.—Otter Cr.—Custer	1	300	7.5	....	......	......
Fields Gulch—Poorman Cr.—Lewiston	1	300	7.5	....	......	......
Fifers Cr.—Warm Spr. Cr.—Deer Lodge	4	1,300	32.5	2	180	4.5

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§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Fifteen Mile Cr.—Willow Cr.—Toole	5	2,200	55.0	....	......	......
*Fifteen Mile Cr.—Milk R.—Blaine	8	2,840	71.0	....	......	......
Fifteen Mile Cr.—Otter Cr.—Custer	8	7,552	188.8	....	......	......
N. F. Fifteen Mile—Fifteen Mile Cr.—Custer	1	3,000	75.0	....	......	......
Fifty-four Cr.—Pumpkin Cr.—Custer	1	1,500	37.5	....	......	......
Fighting Butte Cr. ... Custer	1	2,000	50.0	....	......	......
Filo Cr.—Willow Cr.—Granite	3	2,400	60.0	....	......	......
Finch Cr.—Trout Cr.—Fergus	1	200	5.0	....	......	......
Finch's Lake—Clear Cr.—Blaine	1	120	3.0	....	......	......
Finger Butte Cr.—Cottonwood Cr.—Fallon	3	4,500	112.5	....	......	......
Finley Cr.—Custer Cr.—Custer	2	1,500	37.5	....	......	......
*Finley Cr.—Jocko R.—Missoula	24	79,302	1,982.5	1	F all	......
*E. Finley Cr.—Finley Cr.—Missoula	2	40,000	1,000.0	....	......	......
S. Br. Finley Cr.—Finley Cr.—Missoula	1	160	4.0	....	......	......
S. E. F. Finley Cr.—Finley Cr.—Missoula	1	all	......	....	......	......
Finley Cr.—Nine Mile Cr.—Missoula	1	140	3.5	....	......	......
Finnan Coulee—Musselshell—Yellowstone	1	400	10.0	....	......	......
Finnegan Cr.—Missouri R.—Cascade	4	570	14.2	....	......	......
Finn Gulch—Washington G.—Powell	2	450	11.2	4	200	5.0
Finnigan Cr.—L. Powder R.—Custer	2	500	12.5	....	......	......
Fir Cr.—Cottonwood—Cascade	3	160	4.0	....	......	......
N. F. Fir Cr.—Fir Cr.—Cascade	2	75	1.9	....	......	......
Fir Cr.—Encampment Cr.—Cascade	1	200	5.0	....	......	......
Fir Cr.—Twin Cr.—Mineral	1	300	7.5	....	......	......
Fir or Long Gulch—L. Prickly P.—Lewis & C	1	50	1.2	....	......	......
Fire Gulch—Powder R.—Custer	2	2,000	50.0	....	......	......
Fire Gulch—Pumpkin Cr.—Custer	1	4,000	100.0	....	......	......
First Coulee—Missouri R.—Dawson	1	400	10.0	....	......	......
First Coulee—Beaver Cr.—Valley	2	7,040	176.0	....	......	......
First Coulee—First Cr.—Valley	1	1,200	30.0	....	......	......
First Coulee—Milk R.—Valley	1	400	10.0	....	......	......
First Coulee—South Cr.—Valley	1	600	15.0	....	......	......
First Cr. ... Chouteau	3	12,400	310.0	....	......	......
First Cr.—Powder R. (4 S)—Custer	1	400	10.0	....	......	......
First Cr.—Powder R. (6 S.)—Custer	1	2,000	50.0	....	......	......
First Cr.—Powder R.—Custer (3 N.)	1	1,000	25.0	....	......	......
First Cr.—Yellowstone R.—Custer	1	500	12.5	....	......	......
First Cr.—Flathead R. (27 N)—Flathead	2	†200	5.0	....	......	......
First Cr.—Flathead R. (31 N)—Flathead	1	1,152	28.8	....	......	......
First Cr.—Cedar Cr.—Mineral	1	100	2.5	....	......	......
First Cr.—Missoula R.—Mineral	2	600	15.0	....	......	......
First Cr.—Missouri R.—Richland	2	1,100	27.5	....	......	......
First Cr.—Combert Cr.—Sanders	1	40	1.0	....	......	......
First Cr.—Larb Cr.—Valley	13	65,000	1,625.0	....	......	......
First Lake—Butcher Gulch—Madison	1	†	......	....	......	......
First Lake—Missoula R.—Missoula		See Rattlesnake Creek.				
First Chance Gulch ... Granite	2	†6	0.2	....	......	......
S. F. First Chance Gl.—F. C. Gl.—Granite	1	all	......	....	......	......
First Chance Gulch—Big Creek—Silver Bow	3	†1,000	25.0	....	......	......
F. Willow Cr. Lake—Bitterroot R.—Ravalli		See Willow Creek.				
Fish Cr.—Red Rock—Beaverhead	8	21,410	535.2	....	......	......
Fish Cr.—Sand Cr.—Dawson	3	2,200	55.0	....	......	......
Fish Cr.—Bull Cr.—Fergus	10	†1,860	46.5	....	......	......
Fish Cr.—Ross Fork—Fergus	1	150	3.8	....	......	......
Fish Cr.—W. Gallatin R.—Gallatin	1	all	......	3	246	6.1
Fish Cr.—Missoula R.—Mineral	7	19,250	481.2	....	......	......
Fish Cr.—Clearwater Cr.—Powell	4	1,700	42.5	....	......	......
Fish Cr.—Jefferson R.—Silver Bow	27	†10,645§	266.1	12	2,185	54.6
R. F. Fish Cr.—Fish—Silver Bow	2	180	4.5	....	......	......
Fish Cr.—Musselshell R.—Musselshell and Sweetgrass	48	15,705	395.1	10	925	23.1
E. F. Fish Cr.—Fish Cr.—Sweetgrass	4	1,500	37.5	1	240	6.0
S. F. Fish Cr.—Fish Cr.—Sweetgrass	10	1,650	41.2	1	168	4.2
Fish Cr.—Cedar Cr.—Stillwater	2	500	12.5	....	......	......
Fish Cr.—Birch Cr.—Teton	5	1,600	40.0	....	......	......
Fish Lake—Birch Cr.—Beaverhead		See Birch Creek.				
Fish Lake ... Cascade	1	200	5.0	....	......	.....

F—Federal decree.
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§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Fish Lake Cr .... Chouteau	1	1,200	30.0	....	......	......
Fish Lake—Clearwater Cr.—Powell		See Fish Creek.				
Fish Lake Cr.—N. F. Sheep Cr.—Teton	1	300	7.5	....	......	......
Fish Plate Cr.—Red Rock Cr.—Beaverhead.	1	12,800	320.0	....	......	......
Fish Stream—Highwood Cr.—Chouteau	1	†	......	....	......	......
Fishtail Cr.—W. Rosebud—Stillwater	26	9,815	245.1	2	290	7.2
E. F. Fishtail Cr.—Fishtail Cr.—Stillwater.	2	400	10.0	....	......	......
W. F. Fishtail Cr.—Fishtail Cr.—Stillwater.	4	800	20.0	....	......	......
Fishtrap Cr.—Big Hole R.—Deer Lodge	21	18,720	468.0	....	......	......
M. F. Fishtrap Cr.—Fishtrap Cr.—D. Lodge		See Fishtrap Creek.				
S. F. Fishtrap Cr.—Fishtrap Cr.—D. Lodge		See Fishtrap Creek.				
W. F. Fishtrap Cr.—Fishtrap Cr.—D. Lodge	4	820	20.5	....	......	......
Fisher Coulee—Marias R.—Chouteau	3	†40	1.0	....	......	......
Fisher Cr.—Black Coulee—Blaine..........	1	100	2.5	....	......	......
Fisher Cr.—Fisher R.—Lincoln	1	2,000	50.0	....	......	......
Fisher Cr.—Willow Cr.—Toole	3	820	20.5	....	......	......
Fisher Rr.—Kootenai R.—Lincoln	2	40,200	1,005.0	....	......	......
W. F. Fisher R.—Fisher R.—Lincoln	3	1,432	35.8	....	......	......
Fislo Cr.—B. Blackfoot R.—Powell	1	400	10.0	....	......	......
Fistecator Cr.—Boulder R.—Sweetgrass	1	100	2.5	....	......	......
Fist Gulch—Snow Shoe Cr.—Powell	1	†	......	....	......	......
Fitches Canyon .... Jefferson	4	852	21.3	....	......	......
Fitzpatrick Coulee—Red R.—Teton	1	200	5.0	....	......	......
Five Mile Coulee—Willow Cr.—Toole	9	a1,910	47.8	....	......	......
Five Mile Cr.—Clark F.—Carbon	3	4,040§	101.0	....	......	......
Five Mile Cr.—Shane Cr.—Carbon	1	100	2.5	....	......	......
Five Mile Cr.—Mizpah Cr.—Custer	1	400	10.0	....	......	......
Five Mile Cr.—L. Missouri R.—Fallon	11	7,548	188.7	....	......	......
E. F. Five Mile Cr.—Five Mile Cr.—Fallon	1	1,000	25.0	....	......	......
S. F. Five Mile Cr.—Five Mile Cr.—Fallon..	1	400	10.0	....	......	......
Five Mile Cr.—Flathead R.—Flathead	2	8,000	200.0	....	......	......
Five Mile Cr.—Kootenai R.—Lincoln	1	200	5.0	....	......	......
Five Mile Cr.—Smith R.—Meagher	4	510	12.8	....	......	......
Five Mile Cr.—Douglas Cr.—Powell........	1	400	10.0	....	......	......
Five Mile Cr.—Yellowstone R.—Yellowstone	4	11,100§	277.5	....	......	......
Flag Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Flag Pole Coulee—Box Elder Cr.—Blaine ..	1	200	5.0	....	......	......
Flagstaff Cr.—Musselshell—Meagher	9	2,410	60.2	....	......	......
Flaherty Cr. .... Carbon	1	200	5.0	....	......	......
Flaherty Cr.—Nevada Cr.—Powell	1	1,000	25.0	....	......	......
Flannigan Cr.—Arrow Cr.—Cascade	3	610	15.2	....	......	......
Flannigan Cr.—Willow Cr.—Cascade	1	150	3.8	....	......	......
Flarty Gulch—Nevada Cr.—Powell	1	400	10.0	....	......	......
Flasted Cr.—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Flasted Cr.—L. Beaver Cr.—Fallon	3	1,200	30.0	....	......	......
Flat Butte Cr.—Pumpkin Cr.—Custer	1	1,000	25.0	....	......	......
Flat Coulee—Milk R.—Blaine	1	500	12.5	....	......	......
Flat Coulee—Sun R.—Cascade		See Olson Coulee.				
Flat Coulee—Portage Cr.—Cascade	2	420	10.5	....	......	......
Flat Coulee—Box Elder Cr.—Cascade........	1	100	2.5	....	......	......
Flat Coulee—Eagle Cr.—Chouteau	1	800	20.0	....	......	......
Flat Coulee—Big Sandy Cr.—Chouteau	1	all	......	....	......	......
Flat Coulee—Missouri R.—Chouteau	1	320	8.0	....	......	......
W. F. Flat Coulee—Marias R.—Chouteau ...	1	160	4.0	....	......	......
Flat Coulee—Teton R.—Chouteau	1	200	5.0	....	......	......
Flat Coulee—Armell's Cr.—Fergus	1	200	5.0	....	......	......
Flat Coulee—Horse Cr.—Hill	1	100	2.5	....	......	......
Flat Coulee—Milk R.—Hill	1	160	4.0	....	......	......
Flat Coulee—Sage Cr.—Hill	2	480	12.0	....	......	......
Flat Coulee—Shot Gun Cr.—Sheridan	1	400	10.0	....	......	......
Flat Coulee—Dry Fork Marias R.—Teton...	5	400	10.0	....	......	......
N. Flat Coulee—Flat Coulee—Teton	1	200	5.0	....	......	......
Flat Coulee—Sun R.—Teton	3	1,100	27.5	....	......	......
Flat Coulee—Half Breed Cr.—Toole	4	620	15.5	....	......	......
Flat Coulee—Willow Cr.—Toole	1	400	10.0	....	......	......
Flat Coulee—Milk R.—Valley	1	400	10.0	....	......	......

a—Add 20,000,000 gallons
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Flat Creek—Castner Coulee—Cascade	5	1,300§	32.5	....	......	......
Flat Cr.—Sun R.—Cascade	1	200	5.0	....	......	......
Flat Cr.—Arrow Cr.—Chouteau	14	3,590§	89.2	....	......	......
W. F. Flat Cr.—Flat Cr.—Chouteau	1	250	6.2	....	......	......
Flat Cr.—L. Powder R.—Custer	1	600	15.0	....	......	......
Flat Cr.—Box Elder Cr.—Fallon	2	400	10.0	....	......	......
Flat Cr.—L. Missouri R.—Fallon	4	4,300	112.5	....	......	......
Flat Cr.—Davis Cr.—Fergus	1	100	2.5	....	......	......
Flat Cr.—Sage Cr.—Fergus	1	600	15.0	....	......	......
Flat Cr.—Dearborn R.—Lewis & Clark	31	8,595	214.9	....	......	......
N. F. Flat Cr.—Flat Cr.—Lewis & Clark		See Flat Creek.				
Flat Cr.—Ten Mile Cr.—Lewis & Clark	4	1,340	33.5	....	......	......
Flat Cr.—Missoula R|—Mineral	14	5,260	131.5	....	......	......
Flat Cr.—Muddy Cr.—Teton	1	320	8.0	....	......	......
Flat Cr.—Beaver Cr.—Valley	6	2,000	50.0	....	......	......
Flat Lake—Birch Cr.—Beaverhead		See Birch Creek.				
Flat Lake—Parallel Cr.—Blaine	1	400	10.0	....	......	......
Flat Lake—Willow Cr.—Toole	1	100	2.5	....	......	......
Flathead Cr.—Shields R.—Park	68	†22,470§	561.8	36	4,623	115.6
N. F. Flathead Cr.—Flathead Cr.—Park	1	320	8.0	13	615	15.4
S. F. Flathead Cr.—Flathead Cr.—Park	5	1,166	29.2	28	1,755	43.9
E. F. Flathead Cr.—Flathead Cr.—Gallatin	11	1,585	39.6	....	......	......
M. F. Flathead Cr.—Flathead Cr.—Gallatin	1	80	2.0	11	745	18.6
*Flathead R.—Clark F. Columbi—Flathead Missoula Sanders	177	69,588242	1738956†§	....	......	......
*M. F. Flathead R.—Flathead R.—Flathead	1	400§	10.0	....	......	......
*S. F. Flathead R.—Flathead R.—Flathead	2	240,000	6,000.0	....	......	......
Flat Iron Cr.—Smith R.—Meagher	1	100	2.5	....	......	......
Flat Mead Cr.—Shields R.—Gallatin	2	600	15.0	....	......	......
Flat Rock Coulee—Red R.—Toole	1	100	2.5	....	......	......
*Flatwillow Cr.—Box Elder Cr.—Fergus	84	†112,373§	2,809.3	....	......	......
S. F. Flatwillow Cr.—Flatwillow Cr.—Fergus	4	900	22.5	....	......	......
Flatwillow Cr.—Beaver Cr.—Valley	1	1,200	30.0	....	......	......
Fleshman Cr.—Yellowstone R.—Park	31	†3,970§	99.2	11	662	16.5
N. F. Fleshman Cr.—Fleshman Cr.—Park		See Fleshman Creek.				
Fletcher Cr.—L. Beaver Cr.—Fallon	4	2,100	52.5	....	......	......
Fletcher Cr.—Madison—Madison	1	20	0.5	....	......	......
Fletcher Cr.—Sweetgrass Cr.—Sweetgrass	3	600	15.0	....	......	......
Flink Coulee—Cottonwood Cr.—Hill	1	400	10.0	....	......	......
Flink Cr.—Flint Cr.—Granite	1	1,000	25.0	....	......	......
Flint Cr.—Hell Gate R.—Granite	196	†159,479§	3,987.0	F 101	14,550	363.8
M. F. Flint Cr.—Flint Cr.—Granite	1	all	......	....	......	......
N. F. Flint Cr.—Flint Cr.—Granite	11	†3,474§	86.8	....	......	......
N. Br. Flint Cr.—Flint Cr.—Granite		See Boulder Creek.				
W. F. Flint Cr.—Flint Cr.—Granite	3	2,420	60.5	....	......	......
Upper Flint Cr.—Flint Cr.—Granite		See Flint Creek.				
Flint Cr.—Vermillion Cr.—Sanders	1	200	5.0	....	......	......
Flint Cr.—Deer Lodge R.—Silver Bow	2	225	5.6	....	......	......
Floberg Coulee—Pondera Coulee—Chouteau	1	400	10.0	....	......	......
Flood Coulee—B. Muddy Cr.—Sheridan	1	5,184	129.6	....	......	......
Flood Coulee—Marias R.—Toole	1	480	12.0	....	......	......
Flood Cr.—Powder R. (6 S)..........Custer	1	1,000	25.0	....	......	......
Flood Cr.—Powder R. (T. 8 S.)—Custer	2	100	2.5	....	......	......
Flood Cr.—Careless Cr.—Meagher	1	40	1.0	....	......	......
Floom Coulee—McDonald Cr.—Fergus	1	20	0.5	....	......	......
Florence Cr.—Clark F. Columbia—Sanders	1	300	7.5	....	......	......
Florence Gulch—Ford's Cr.—Fergus	1	50	1.2	....	......	......
Flossy Cr.—Clear Cr.—Blaine	1	60	1.5	....	......	......
Flour Cr.—Kootenai R.—Lincoln		See Flower Creek.				
Flower Cr.—Kootenai R.—Lincoln	7	2,020	50.5	....	......	......
E. F. Flower Cr.—Flower Cr.—Lincoln	1	196	4.9	....	......	......
Floweree Slough—P. Pear Cr.—Lewis & C.	1	all	......	....	......	......
Fluaitt Coulee—Half Breed Cr.—Hill		See Fluett Coulee.				
Fluett Coulee—Half Breed Cr.—Hill	2	500	12.5	....	......	......
Flume Gulch—Brown's Gh.—Silver Bow	2	60	1.5	....	......	......

F—Includes 36 Federal decrees amounting to 6,456 inches, or 161.4 second-feet.
†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Fly Cr.—Yellowstone R.—Big Horn-Yel'w's'e.	1	400,000	10,000.0	....	......	......
Fly Gulch—Divide Cr.—Silver Bow	3	880§	22.0	....	......	......
Fly Gulch Cr.—Basin Cr.—Silver Bow	1	500	12.5	....	......	......
Fogarty Coulee—Peoples Cr.—Blaine	2	700	17.5	....	......	......
Folsom Coulee—Currant Cr.—Musselshell	3	580§	14.5	....	......	......
Folsom Coulee—B. Muddy Cr.—Sheridan	1	24	0.6	....	......	......
Foolhen Gulch—Donahoo Cr.—Lewis & Clark	1	500	12.5	....	......	......
Ford Cr.—B. Otter Cr.—Cascade	15	1,290§	32.2	....	......	......
*Ford Cr.—Smith Cr.—Lewis & Clark	9	43,250	1,081.2	....	......	......
Ford's Cr.—Box Elder Cr.—Fergus	78	57,186§	1,429.6	....	......	......
N. F. Ford's Cr.—Ford's Cr.—Fergus	9	1,140	28.5	....	......	......
S. F. Ford's Cr.—Ford's Cr.—Fergus		See Ford's Creek.				
Ford's Cr.—S. F. Musselshell R.—Meagher	9	1,930	48.2	....	......	......
S. F. Ford's Cr.—Ford's Cr.—Meagher		See Ford's Creek.				
Forde Cr.—L. Missouri R.—Fallon	1	500	12.5	....	......	......
Forbell Cr.—Sand Cr.—Dawson	1	1,000	25.0	....	......	......
Foreman's Coulee—McDonald's Cr.—Fergus	1	120	3.0	....	......	......
Forest Cr.—Tongue R.—Custer	1	200	5.0	....	......	......
Forest Cr.—Cedar Cr.—Mineral	1	100	2.5	....	......	......
Forrest Cr.—B. Swamp Cr.—Beaverhead	1	160	4.0	....	......	......
Forrest Cr.—Thompson Cr.—Beaverhead	1	160	4.0	....	......	......
Forrest Cr.—Willow Cr.—Toole	5	530	13.2	....	......	......
Forgey Cr.—Thirty Mile Cr.—Blaine	7	5,600	140.0	....	......	......
E. Forgey Cr.—Forgey Cr.—Blaine	2	†all	......	....	......	......
W. F. Forgey Cr.—Forgey Cr.—Blaine	2	560	14.0	....	......	......
Fork Coulee—Lime Cr.—Valley	1	144	3.6	....	......	......
Forsythe Spr. Cr.—Sweetgrass Cr.—Sw'grass	1	600	15.0	....	......	......
Fortine Cr.—Tobacco R.—Lincoln	2	20,030	500.8	....	......	......
Forty-eight Mile Cr.—L. Missouri R.—Fallon	1	500	12.5	....	......	......
Forty Mile Cr. .... Teton	1	10,000	250.0	....	......	......
Foss Coulee—E. Br. Cherry Cr.—Valley	1	600	15.0	....	......	......
Foster Cr.—Slaughter Cr.—Custer	2	900	22.5	....	......	......
Foster Cr.—Tongue R.—Custer	5	3,900	97.5	....	......	......
Foster Cr.—Box Elder Cr.—Fallon	1	250	6.2	....	......	......
Foster Cr.—Warm Spr. Cr.—Deer Lodge	7	9,400	235.0	....	......	......
Foster Cr.—Buffalo Cr.—Fallon	1	200	5.0	....	......	......
Foster Cr.—L. Missouri R.—Fallon	4	2,900	72.5	....	......	......
Foster Cr.—Muddy Cr.—Teton	1	400	10.0	....	......	......
Foster Gulch—B. Dry Cr.—Dawson	1	1,000	25.0	....	......	......
Foundation Fisher Cr. .... Missoula	1	5,000	125.0	....	......	......
Foundation Gulch—Saur Kraut—L. & Clark	2	†50	1.2	....	......	......
Fourchette Cr.—Telegraph Cr.—Valley	12	15,820	395.5	....	......	......
N. F. Fourchette Cr.—Fourchette Cr.—Valley	3	2,200	55.0	....	......	......
Four Eyes Cr.—B. Sheep Cr.—Beaverhead	1	100	2.5	....	......	......
Four Horns Reservoir—Badger Cr.—Teton	1	A	......	....	......	......
Four Mile Coulee—Sun R.—Cascade	1	5,000	125.0	....	......	......
Four Mile Coulee—Marias R.—Chouteau	1	200	5.0	....	......	......
Four Mile Coulee—O'Brien Coulee—Hill	3	1,200	30.0	....	......	......
Four Mile Coulee .... Lewis & Clark		See Mile Creek.				
Four Mile Coulee—Miners' Coulee—Toole	2	220	5.5	....	......	......
E. F. Four Mile Coulee—4 Mile Coulee—Toole	1	100	2.5	....	......	......
Four Mile Cr.—Wild Horse Cr.—Blaine	2	12,900	322.5	....	......	......
Four Mile Cr.—Foster Cr.—Custer	1	200	5.0	....	......	......
Four Mile Cr.—Twin Lake Cr.—Deer Lodge	3	8,000	200.0	....	......	......
Four Mile Cr.—Flathead R.—Flathead	2	16,000	400.0	....	......	......
Four Mile Cr.—Dearborn R.—L. & Clark	2	280	7.0	....	......	......
Four Mile Cr.—Smith R.—Meagher	12	5,600	140.0	....	......	......
Four Mile Cr.—Missoula R.—Mineral	5	1,128	28.2	....	......	......
Four Mile Cr.—Nine Mile Cr.—Missoula		See Rock Creek.				
Four Mile Cr.—Yellowstone R.—Richland	10	27,970	699.2	....	......	......
L. F. Four Mile Cr.—4 Mile Cr.—Meagher		See Four Mile Creek.				
W. F. Four Mile Cr.—4 Mile Cr.—Meagher		See Four Mile Cr.				
Four Mile Cr.—Tongue R.—Big Horn-Roseb'd	7	†1,780§	44.5	....	......	......
Four Mile Cr.—Limestone Cr.—Stillwater	3	750	18.7	....	......	......
Four Mile Cr.—Warm Spr. Cr.—Deer Lodge	2	200	5.0	....	......	......
Fourteen Mile Cr.—Missoula R.—Mineral	7	6,500	162.5	....	......	......

A—75.000 acre feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
First F. Fourteen Mile Cr..........Mineral	4	800	20.0	....	......	......
Fourth Coulee—Fourth Cr.—Valley	2	250	6.2	....	......	......
Fourth Cr.—Powder R. (T 5 N)—Custer	1	200	5.0	....	......	......
Fourth Cr.—Powder R. (T. 6 S.)—Custer....	1	200	5.0	....	......	......
Fourth Cr.—Larb Cr.—Valley	2	1,000	25.0	....	......	......
S. Fork Fourth Cr.—Fourth Cr.—Valley.....	2	1,000	25.0	....	......	......
Fourth of July Cr.—B. Pipestone—Jefferson	3	260	6.5	....	......	......
Fourth of July Cr.—Yahk R.—Lincoln	3	4,740	118.5	....	......	......
Fourth of July Cr.—Missoula Gulch—S. Bow	1	500	12.5	....	......	......
Fouts Cr.—W. Boulder Cr.—Park	1	200	5.0	....	......	......
Fowler Coulee—Pondera Coulee—Chouteau..	4	1,420	35.5	....	......	......
Fowler Coulee—Dry F. Marias—Teton	3	400	10.0	....	......	......
Fowler Coulee—Willow Cr.—Teton	3	300	7.5	....	......	......
Fowler Cr.—Sand Coulee Cr.—Cascade......	2	600	15.0	....	......	......
Fowler Cr.—Yahk R.—Lincoln	2	350	8.7	....	......	......
Fowler Cr.—W. Charley Cr.—Richland	1	5,184	129.6	....	......	......
Fox Coulee—Dry Lake—Teton	1	100	2.5	....	......	......
Fox Cr.—B. Hole R.—Beaverhead	12	4,240	106.0	....	......	......
Fox Cr.—Bloody Dick Cr.—Beaverhead	6	2,240	56.0	7	952	23.8
N. F. Fox Cr.—Fox Cr.—Beaverhead	2	†640	16.0	....	......	......
Fox Cr.—L. Cottonwood Cr.—Chouteau	1	200	5.0	....	......	......
Fox Cr.—Ashley Cr.—Flathead	1	200	5.0	....	......	......
Fox Cr.—Smith R.—Meagher	1	400	10.0	....	......	......
Fox Cr.—Brackett Cr.—Park	5	1,060§	26.5	1	100	2.5
Fox Cr.—Yellowstone R.—Richland	7	4,760	119.0	....	......	......
N. F. Fox Cr.—Fox Cr.—Richland	3	653	16.3	....	......	......
W. F. Fox Cr.—Fox Cr.—Richland	1	1,200	30.0	....	......	......
Fox Gulch Cr.—Bloody Dick Cr.—Beaverhead		See Fox Creek.				
Fox Gulch—Magpie Cr.—Lewis & Clark	1	all	......	....	......	......
Fox Lake—B. Muddy Cr.—Valley	1	240	6.0	....	......	......
Foxtail Lake—Red R.—Toole	1	300	7.5	....	......	......
M. F. Foy's Lake—Ashley Cr.—Flathead	1	40	1.0	....	......	......
Foyle Lake—Warm Spr. Cr.—Deer Lodge ..		See Lake Foyle.				
*Francis Cr.—Sun R.—Teton	4	510	12.8	....	......	......
Francis Lake—N. Willow Cr.—Madison	1	all	......	....	......	......
Frank Baker Logging Cr.—Mission Cr.—Park	1	100	2.5	....	......	......
Frank Cr.—McHesser's Cr.—Madison	1	140	3.5	....	......	......
Frank Goss Cr. .... Lewis & Clark		See Goss Creek.				
Frank's Gulch—W. F. Thompson Cr.—B'head	1	160	4.0	....	......	......
Frank Kean Coulee ....Valley	1	2,000	50.0	....	......	......
Frank's Lake—Tobacco R.—Lincoln	1	200	5.0	....	......	......
Frank Rich Coulee—Red R.—Toole	1	400	10.0	....	......	......
Franklin Gulch—Flint Cr.—Granite	1	100	2.5	....	......	......
Fraser Cr.—B. Blackfoot R.—Powell	5	1,940	48.5	....	......	......
Fraser Cr.—Yellowstone R.—Sweetgrass ...	1	150§	3.8	....	......	......
Frazier Coulee—B. Muddy Cr.—Sheridan ...	1	600	15.0	....	......	......
Frazier Coulee—Bitter Cr.—Valley	1	400	10.0	....	......	......
Frazier Cr.—Ross Fork—Fergus	1	300	7.5	....	......	......
Frazier Spr. Cr.—Bozeman Cr.—Gallatin	1	50	1.2	....	......	......
Frazier Cr.—Flathead Cr.—Park	7	1,050	26.2	....	......	......
Freda Cr.—Tongue R.—Rosebud	1	200	5.0	....	......	......
Fred & George Cr.—Miners' Coulee—Toole ..	22	3,919	98.0	....	......	......
Fred Branch Cr.—Bitterroot R.—Rivalli...	1	250	6.2	....	......	......
Fred Burr Cr.—Flint Cr.—Granite	47	15,900	397.5	36	4,975	124.4
Fred Burr Cr.—Bitterroot R.—Ravalli......	21	16,895§	422.4	35	3,068	76.7
Frederick's Coulee—Willow Cr.—Toole	2	2,200	55.0	....	......	......
Frederickson Cl.—Musshelshell R.—Rosebud	1	320	8.0	....	......	......
Freebury Coulee—Pondera Coulee—Teton ..	1	400	10.0	....	......	......
Freebury Coulee—Willow Cr.—Hill	1	200	5.0	....	......	......
Freeman Cr.—Sage Cr.—Beaverhead	1	30	0.8	....	......	......
Freeman Cr.—Ross Cr.—Gallatin	....	......	......	1	75	1.9
Freeman Cr.—Rock Cr.—Meagher	11	2,320§	58.0	9	500	12.5
N. F. Freeman Cr.—Rock Cr.—Meagher		See Freeman Creek.				
S. F. Freeman Cr.—Rock Cr.—Meagher		See Freeman Creek.				
Freeze Out Cr.—Deer Lodge R.—Powell ...	3	1,700§	42.5	....	......	......
Freeze Out Gulch—Divide Cr.—Silver Bow..	2	†100	2.5	....	......	......
Freighter Lake—Sun R.—Teton	1	400	10.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Freiler Gulch—Moore Cr.—Madison	4	1,220	30.5	....	......	......
Fremming Cr.—Clear Cr.—Blaine	1	200	5.0	....	......	......
French Coulee—Muddy Cr.—Teton	3	1,260	31.5	....	......	......
French Cr.—Big Hole R.—Beaverhead	9	2,949	72.7	....	......	......
L. F. French Cr.—French Cr.—Beaverhead ..	3	24 00	60.0	....	......	......
French Cr.—Rattlesnake Cr.—Beaverhead ..	1	100	2.5	....	......	......
French Cr.—L. Powder R.—Custer	1	200	5.0	....	......	......
French Cr.—Lake Cr.—Lincoln	1	20	0.5	....	......	......
French Cr.—N. F. Fish Cr.—Mineral	1	1,500	37.5	....	......	......
French Ed Cr.—Burnt Fork Cr.—Ravalli	1	200	5.0	....	......	......
French Gulch—Confederate Gh.—Broadwater	1	†	......	....	......	......
French Gulch—Big Cr.—Deer Lodge	4	725	18.1	....	......	......
French Gulch—Boulder R.—Jefferson	1	100	2.5	....	......	......
French Gulch—N. F. Sun R.—Lewis & Clark	1	60	1.5	....	......	......
French Gulch—Alder Cr.—Madison	1	20	0.5	....	......	......
Frenchman Coulee—Bird Tail Cr.—Cascade..	1	100	2.5	....	......	......
Frenchman Coulee—Willow Cr.—Teton	1	all	......	....	......	......
Frenchman Cr.—Big Sandy Cr.—Chouteau ..	2	400	10.0	....	......	......
*Frenchman Cr.—Milk R.—Valley	13	91,112§	2,277.8	....	......	......
Frenchman Lake—Dry Lake—Toole	1	300	7.5	....	......	......
Friday Gulch .... Lewis & Clark	1	25	0.6	....	......	......
Fridley Cr.—Emigrant Cr.—Park	1	500	12.5	....	......	......
Friebel Cr.—Muggins Cr.—Rosebud	1	300	7.5	....	......	......
Frieler Gulch—Moore Cr.—Madison		See Freiler Gulch.				......
Friend Coulee—Marias R.—Teton	1	400	10.0	....	......	......
Frisne Coulee—Sage Cr.—Hill	1	800	20.0	....	......	......
Fritzes Coulee—Marias R.—Toole	1	300	7.5	....	......	......
Fritzs Run—McDonald Cr.—Fergus	7	1,450	36.2	1	50	1.2
S. Br. Fritzs Run—Fritzs Run—Meagher...		See Fritz's Run.				
Frog Pond Basin Cr.—M. F. Rock Cr.—Granite	2	8,500	212.5	....	......	......
Frog Pool Cr.—M. F. Rock Cr.		See Frog Pond Basin Creek .				......
Fromyr Coulee—Dry F. Marias R.—Teton...	1	400	10.0	....	......	......
Frost Coulee—Hay Cr.—Cascade	1	150	3.8	....	......	......
Frost Cr.—Flat Cr.—Cascade	6	585	14.6	....	......	......
Frost Cr.—Flint Cr.—Granite	34	2,456	61.4	....	......	......
Frosts Cr.—Arrow Cr.—Cascade	1	200	5.0	....	......	......
Frozen Bull Elk Cr.—Careless Cr.—Meagher		See Timber Creek.				
Frozen Elk Cr.—Careless Cr.—Meagher	1	400	10.0	....	......	.....
Frozen Horse Cr.—L. Missouri R.—Fallon..	1	500	12.5	....	......	......
Frozen Horse Cr.................. Custer	1	400	10.0	....	......	......
Froze to Death Cr.—Boulder R.—Park	4	8,068	201.7	....	......	......
N. F. Froze to Death Cr.—Froze to Death Creek .... Park	1	100	2.5	....	......	......
Froze to Death Cr—Yellowstone R—Rosebud	10	13,120§	328.0	....	......	......
W. Br. F. to Death Cr.—F. to D. Cr.—Rosebud	2	190	4.8	....	......	......
Fruit Cr.—Thompson R.—Lincoln	1	100	2.5	....	......	......
Frying Pan Cr.—Beaverhead R.—B'head....	2	800	20.0	....	......	......
Frying Pan Cr.—Trail Cr.—Beaverhead	6	3,620	90.5	3	315	7.9
Frying Pan Gulch—Beaverhead R.—B'head.		See Frying Pan Creek.				
Fulkerson Cr.—Bitterroot R.—Ravalli	1	150	3.8	....	......	......
Fuller's Coulee—Sand Cr.—Dawson	1	1,080	27.0	....	......	......
Fuller Coulee—B. Muddy Cr.—Valley.......	1	5,184	129.6	....	......	......
Fuller Cr.—Boulder R.—Sweetgrass	1	200	5.0	....	......	......
Furgeson Cr.—Box Elder Cr.—Fallon	1	1,200	30.0	....	......	......
Furlong Gulch—Prickly Pear Cr.—Jefferson	1	50	1.2	....	......	......
*Furman Cr.—Barr Cr.—Lewis & Clark....	1	160	4.0	....	......	......
Fusz Cr.—Rock Cr.—Granite	2	80	4.0	....	......	......
G						
Gage Coulee—Pondera Coulee—Toole	2	400	10.0	....	......	......
Gage Cr.—Yellowstone R.—Sweetgrass	3	1,300	32.5	....	......	......
Gagne Coulee .... Chouteau	1	160	4.0	....	......	......
Gagnier Cr.—Flathead R.—Flathead........		See Gangner Creek.				
Galata Coulee—Willow Cr.—Hill and Toole		See Galata Ravine.				

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Galata Ravine—Wilow Cr.—Hill and Toole.	2	2,320	58.0	....	......	......
Galen Gulch—Hot Springs Cr.—Broadwater.	1	all	......	....	......	......
Galena Cr.—Belt Cr.—Cascade	5	1,500	37.5	....	......	......
Galena Cr. .... Missoula	1	all	......	....	......	......
Galena Gulch—Boulder R.—Jefferson	11	2,470	61.7	....	......	......
Gallagher Cr.—Big Hole R.—Madison......	1	30	0.7	....	......	......
Gallagher Cr.—Nevada Cr.—Powell	4	1,050	26.2	5	435	10.9
*Gallatin R.—Missouri R.—Gallatin	19	3,340§	83.5	....	......	......
*E. Gallatin R.—Gallatin R.—Gallatin	57	9,397§	234.9	21	3,065	76.6
*W. Gallatin R.—Gallatin R.—Gallatin	228	†904,054§	22,601.4	211	83,659	2,091.5
W. F. W. Gallatin R.—W. Gallatin—Gallatin	3	3,000	75.0	....	......	......
Galligher Cr.—Beaverhead R.—Beaverhead ..	2	500	12.5	....	......	......
Galloway Cr.—Careless Cr.—Meagher	16	2,150	53.8	....	......	......
E. Galloway Cr.—Careless Cr.—Meagher		See Galloway Creek.				
Galpin Cr.—Missouri R.—Valley	7	9,320	233.0	....	......	......
Galvin Coulee .... Chouteau	1	all	......	....	......	......
Gam Cr.—Brackett Cr.—Gallatin	1	40	1.0	....	......	......
S. Game Pass Gulch—Hell Gate R.—Granite	1	300	7.5	....	......	......
Gander Cr.—Yellowstone R.—Rosebud	1	500	12.5	....	......	......
Gangner Cr.—Flathead R.—Flathead	8	9,740	243.5	....	......	......
Ganong Coulee—Bleackleaf Cr.—Teton	1	200	5.0	....	......	......
Gap Coulee—Muddy Cr.—Teton	1	800	20.0	....	......	......
Gap Cr.—Cow Cr.—Blaine	1	160	4.0	....	......	......
N. F. Gap Cr.—Gap Cr.—Blaine	1	400	10.0	....	......	......
W. F. Gap Cr.—Gap Cr.—Blaine	2	800	20.0	....	......	......
Gap Cr.—Highwood Cr.—Chouteau	1	150	3.8	....	......	......
Gap Cr.—Dog Cr.—Lewis & Clark	1	50	1.2	....	......	......
Garden Coulee—Hardscrabble Cr.—Dawson .	1	800	20.0	....	......	......
Garden Cr. ....Carbon	1	50	1.2	....	......	......
Garden Cr.—Liscom Cr.—Custer	1	500	12.5	....	......	......
Garden Cr.—Sixteen Mile Cr.—Gallatin	1	25	0.6	....	......	......
Garden Cr.—Ruby R.—Madison	4	1,440	36.0	....	......	......
Garden Cr.—Camas Cr.—Meagher	2	200	5.0	....	......	......
Garden Cr.—Yellowstone R.—Park	3	370§	9.2	4	370	9.2
Garden Cr.—Warm Spr. Cr.—Sanders	11	5,330§	133.2	....	......	......
Garden Cr.—Sixteen Mile Cr.—Gallatin	1	all	......	....	......	......
Gardner Cr.—Dayton Cr.—Flathead	1	200	5.0	....	......	......
Gardner Cr.—Yellowstone R.—Park	9	†1,300	32.5	....	......	......
Garfield Coulee—Marias R.—Toole	1	400	10.0	....	......	......
Garland Coulee—Marias R.—Toole	1	80	2.0	....	......	......
Garland Cr.—B. Cottonwood Cr.—Valley	3	3,600	90.0	....	......	......
S. F. Garland Cr.—Garland Cr.—Valley	1	400	10.0	....	......	......
Garrison Cr.—L. Missouri—Fallon	1	500	12.5	....	......	......
Garrison Gulch—Missoula R.—Missoula	1	1,500	37.5	....	......	......
Garske Coulee—Red Rock Cr.—Hill	1	800	20.0	....	......	......
Garst Cr.—Powder R.—Custer	2	1,300	32.5	....	......	......
Garwood Coulee—Willow Cr.—Fergus	1	320	8.0	....	......	......
Gash Cr.—Sweathouse Cr.—Ravalli	11	5,642	141.0	4	230	5.8
S. F. Gash Cr.—Gash Cr.—Ravalli	1	150	3.8	....	......	......
Gate Coulee—Yellowstone R.—Custer	1	500	12.5	....	......	......
Gate Cr.—Missouri R.—Richland	2	2,120	53.0	....	......	......
Gauld Coulee—Muddy Cr.—Teton	2	4,200	105.0	....	......	......
Gauty Cr.—Snake Cr.—Blaine	1	200	5.0	....	......	......
Gavagin Coulee—Dry Lake—Toole	1	600	15.0	....	......	......
Gay Cr.—W. Pass Cr.—Big Horn	1	80	2.0	....	......	......
Gaylord Cr.—Flint Cr.—Granite	2	†180§	4.5	....	......	......
Gazelle Cr.—Madison R.—Madison	2	450	11.2	....	......	......
Geddes Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Geis Cr.—N. F. Smith R.—Meagher		See Guy Creek.				
Geisy Cr.—Fairy Cr.—Gallatin	2	400	10.0	....	......	......
Gem Cr.—Rock Cr.—Granite	2	80	2.0	....	......	......
N. F. Gem Cr.—Gem Cr.—Granite	2	80	2.0	....	......	......
Gem Lake ....Madison	1	Res.	......	....	......	......
Genore Coulee—Dug Out Coulee—Chouteau	1	500	12.5	....	......	......
Gensman Coulee Cr.—Muddy Cr.—Teton...	2	16,200	405.0	....	......	......
Gentry's Coulee .... Dawson	1	3,000	75.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Gentry Cr.—Blacktail Cr.—Beaverhead	1	50	1.2	....	......	......
George Coulee—Willow Cr.—Toole	3	1,200	30.0	....	......	......
George Cr.—Barney Cr.—Park	1	A	......	....	......	......
George Davis Coulee—Sheep Cr.—Teton	1	1,000	25.0	....	......	......
George Hill Spr. Cr.—Chimney Cr.—Fallon..	1	200	5.0	....	......	......
Georgetown Gulch—Flint Cr.—Granite	1	100	2.5	....	......	......
Georgia Cr.—Hell Gate R.—Powell	3	475	11.9	2	200	5.0
Georgia Cr.—Upper E. Boulder—Sweetgrass	1	80	2.0	....	......	......
Georgia Gulch Cr.—Beaverhead R.—Madison	1	500	12.5	....	......	......
Georgia Cr.—L. Blackfoot R.—Powell	5	†1,150	28.8	....	......	......
Gerard Cr.—Mansfield Cr.—Cascade-Cho.....	11	2,340	58.5	....	......	......
Gerard Cr.—Davis Cr.—Fergus	1	300	7.5	....	......	......
German Gulch—Confederate Gh.—B'water ..	1	all	......	....	......	......
German Gh.—Silver Bow Cr.—Silver Bow ..	18	6,550	163.8	....	......	......
R. F. German Gulch						
L. F. German Gulch—Silver Bow Cr.—S. Bow		See German Gulch.				
Getner Cr.—Libby Cr.—Lincoln	1	200	5.0	....	......	......
Geyser Cr.—Bird Cr.—Cascade	1	100	2.5	....	......	......
Geyser Cr.—Castner Cr.—Cascade	2	175	4.4	....	......	......
Geyser Cr.—Lone Tree Cr.—Cascade	5	520	13.0	....	......	......
Ghenonon Cr.—Horse Prairie Cr.—B'head...		See Spring Creek.				
Ghost Cr.—Mill Cr.—Ravalli	1	72	1.8	....	......	......
Gibbins Cr.—Willow Cr.—Ravalli	1	50	1.2	....	......	......
Gibbons Coulee—Pondera Coulee—Teton ...	2	600	15.0	....	......	......
Gibbs Cr.—N. F. Milk R.—Blaine	1	400	10.0	....	......	......
Gibson Coulee—Deep Cr.—Teton	1	2,000	50.0	....	......	......
Gilbert Gulch—Rock Cr.—Missoula	1	2,500	62.5	....	......	......
Gilbert Lake—Red Rock Cr.—Beaverhead..		See Lake Gilbert				
Gillispie Cr.—Hell Gate R.—Granite	1	400	10.0	....	......	......
Gillette Coulee—Beaver Cr.—Valley	1	2,000	50.0	....	......	......
Gillette Cr.—Auchard Cr.—Lewis & Clark...	2	800	20.0	....	......	......
Gillis Cr.—N. F. Musselshell R.—Meagher ..	3	900	22.5	....	......	......
Gill Strap Cr. .... Missoula	1	864	21.6	....	......	......
Gilt Edge Cr.—Big Cr.—Mineral	1	100	2.5	....	......	......
Gimblet Cr.—L. Blackfoot R.—Powell	6	760	19.0	....	......	......
Gimlet Cr. .... Powell		See Gimblet Creek.				
Gimlet Cr.—Silver Bow Cr.—Silver Bow....	8	246	6.2	....	......	......
Gimlet Gulch.						
Gimblet Gulch—Silver Bow Cr.—Silver Bow		See Gimlet Creek.				
Gipsy Cr.—Swimming Woman Cr.—Mus'shell	1	350	8.8	....	......	......
Girard Cr.—Davis Cr. ....Cascade		See Gerard Creek.				
Girard Cr.—Willow Cr.—Madison	1	40	1.0	....	......	......
Gird Cr.—Flint Cr.—Granite	8	†1,210§	30.2	5	75	1.9
S. F. Gird Cr.—Gird Cr.—Granite	1	150	3.8	....	......	......
Gird's Cr.—Bitterroot R.—Ravalli	7	2,050	51.2	....	......	......
Gische Coulee—Willow Cr.—Toole	1	400	10.0	....	......	......
Givens Cr.—Smith R.—Cascade	1	100	2.5	....	......	......
Glacier Lake—Missoula R.—Missoula		See Rattlesnake Creek.				
Gladstone Cr.—St. Regis R.—Mineral		See Gladstone Gulch.				
Gladstone Gulch—St. Regis R.—Mineral	2	220	5.5	....	......	......
Gladys Cr...........................Custer	1	720	18.0	....	......	......
Glass Gulch—Boulder R.—Jefferson	1	100	2.5	....	......	......
Glazier Cr.—Swan R.—Missoula	1	400	10.0	....	......	......
S. F. Fk. Glazier Cr.—Glazier Cr.—Missoula	1	300	7.5	....	......	......
S. W. F. Glazier Cr.—Glazier Cr.—Missoula	1	200	5.0	....	......	......
Gleason Cr.—Nevada Cr.—Powell		See Nevada Creek.				
*Glen Cr.—Flathead Lake—Flathead	1	100	2.5	....	......	......
Glendive Coulee—Missouri R.—Richland ...	2	8,500	212.5	....	......	......
E. Glendive Coulee—Glendive Cr.—Dawson..	1	1,000	25.0	....	......	......
Glen Lake—Tobacco R.—Lincoln		See Glen Lake Creek.				
Glen Lake Cr.—Tobacco R.—Lincoln	5	480	12.0	....	......	......
Glen Marie Cr.—Sheep Cr.—Lewis & Clark	1	50	1.2	....	......	......
Glenwood Lake—Prickly P. Cr.—Jefferson.	1	1,000	25.0	....	......	......
Glory Coulee—Crow Cr.—Chouteau	1	all	......	....	......	......
Glover's Canon—Mill Cr.—Deer Lodge	3	†140	3.5	1	all	......
Gloyn's Coulee—Martin Coulee—Valley	1	16,000	400.0	....	......	......

A—½ the waters.

†Add to filings amounts not given.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Goat Coulee—Cottonwood Cr.—L. & Clark	1	50	1.2	....	......	......
Goat Cr.—Thompson R.—Sanders	2	560	14.0	....	......	......
Goat Cr.—Swiftcurrent Cr.—Teton	1	500	12.5	....	......	......
Goat Mt. Lake—Race Track Cr.—Powell	1	120	3.0	....	......	......
Go Devil Cr. .... Jefferson	1	50	1.2	....	......	......
Godfrey Cr.—B. Sandy Cr.—Chouteau	3	580§	14.5	....	......	......
Godfrey Cr.—W. Gallatin R.—Gallatin	3	1,450	36.2	3	600	15.0
Goggin Gulch—Cottonwood Cr.—Silver Bow	1	100	2.5	....	......	......
Golconda Cr.—Prickly Pear Cr.—Jefferson	10	3,195	79.9	1	F 25	0.6
E. F. Golconda Cr.—Golconda Cr.—Jefferson	1	100	2.5	....	......	......
S. F. Golconda Cr.—Golconda Cr.—Jefferson	1	100	2.5	....	......	......
W. F. Golconda Cr.—Golconda Cr.—Jefferson	1	50	1.2	....	......	......
Gold Canon Cr—L. Blackfoot R.—Powell	3	700	17.5	....	......	......
Gold Coulee—Missouri R.—Valley	1	1,000	25.0	....	......	......
Gold Cr.—Pintler Cr.—Beaverhead	1	320	8.0	....	......	......
Gold Cr.—Gap Cr.—Blaine	2	400	10.0	....	......	......
Gold Cr.—Peoples Cr.—Blaine	10	1,320	33.0	....	......	......
Gold Cr.—Clarke Fork—Carbon	1	160	4.0	....	......	......
Gold Cr.—L. Pumpkin Cr.—Custer	1	500	12.5	....	......	......
Gold Cr.—Hell Gate R.—Granite and Powell	45	17,255	431.4	....	......	......
L. F. Gold Cr.—Gold Cr.—Powell-Granite		See Gold Creek.				
M. F. Gold Cr.—Gold Cr.—Powell-Granite		See Gold Creek.				
N. F. Gold Cr.—Gold Cr.—Granite	2	600	15.0	....	......	......
E. F. Gold Cr.—Gold Cr.—Granite	1	500	12.5	....	......	......
W. F. Gold Cr.—Gold Cr.—Granite	1	100	2.5	....	......	......
Gold Cr.—Kootenai R.—Lincoln	1	300	7.5	....	......	......
Gold Cr.—B. Blackfoot R.—Missoula	4	4,400	110.0	....	......	......
E. F. Gold Cr.—Gold Cr.—Missoula	1	400	10.0	....	......	......
W. F. Gold Cr.—Gold Cr.—Missoula	2	3,500	87.5	....	......	......
N. F. Gold Cr.—Gold Run Cr.—Park	1	300	7.5	....	......	......
Gold Cr.—B. Blackfoot R.—Powell	1	200	5.0	....	......	......
Gold Cr.—Bitterroot R.—Ravalli	5	1,710	42.8	....	......	......
E. Br. Gold Cr.—Gold Cr.—Ravalli	1	200	5.0	....	......	......
Gold Cr. Lake—Gold Cr.—Powell		See Gold Creek.				
Golden Chief Lake—Pike Peak Cr.—Granite	1	500	12.5	....	......	
Gold Mt. Lake—Bitterroot R.—Ravalli		See Bear Creek.				
Gold Prise Cr.—Six Mile Cr.—Park	1	160	4.0	....	......	......
Gold Rum Cr.—Six Mile Cr.—Park		See Gold Run Creek.				
Gold Run Cr.—Belt Cr.—Cascade	6	2,300	57.5	....	......	......
Gold Run Cr.—Six Mile Cr.—Park	7	2,600	65.0	....	......	......
Gonin Cr.—B. Sandy Cr.—Chouteau	2	320	8.0	....	......	......
Gonzales Coulee—Milk River—Valley	1	200	5.0	....	......	......
Goodale Cr.—Tongue R.—Custer-Rosebud	3	4,000	100.0	....	......	......
Good Cr.—Timber Cr.—Dawson	1	200	5.0	....	......	......
Goodell's Cr.—Judith R.—Fergus	1	400	10.0	....	......	......
Goodenough Cr.—Engelsgjerd Cr.—B'head	1	160	4.0	....	......	......
Goodenough Cr.—Gold Cr.—Missoula	1	500	12.5	....	......	......
Good Luck Gulch .... Deer Lodge	1	50	1.2	....	......	......
Goodman Coulee—Belt Cr.—Cascade	18	2,370	59.2	....	......	......
M. F. Goodman Cl.—Goodman Cl.—Cascade	1	100	2.5	....	......	......
Goodman Coulee—W. F. Hardscrabble Cr.—Richland	1	5,184	129.6	....	......	......
Goodrich Cr.—Beaverhead R.—Madison	11	1,370	34.2	....	......	......
Goodwin Coulee—Smith R.—Cascade	13	1,817	45.4	....	......	......
Goodwin Cr. .... Valley	1	240	6.0	....	......	......
Goodrich Gulch Goodrich Slough Goodrich Canyon } Beaverhead R.—Madison		See Goodrich Creek.				
Goose Cr.—Grove Cr.—Carbon	1	100	2.5	....	......	......
Goose Cr.—Box Elder Cr.—Fallon	1	800	20.0	....	......	......
Goose Cr.—Crooked Cr.—Fallon	1	1,000	25.0	....	......	......
Goose Cr.—Nine Mile Cr.—Missoula	2	†100	2.5	....	......	......
Gooseberry Cr.—Red Rock R.—Beaverhead	1	all	......	....	......	......
Gooseberry Cr.—Madison R.—Madison	1	160	4.0	....	......	......
Gooseberry Cr.—Brackett Cr.—Park	1	50	1.2	....	......	......
Gooseberry Cr.—Mission Cr.—Park	3	1,260	31.5	....	......	......
Gooseberry Cr.—Milk R.—Toole	12	2,200	55.0	....	......	......

F.—Federal decree.
†Add to filings amounts not given.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Gopher Coulee—Milk R.—Blaine	1	100	2.5	....	......	......
Gopher Coulee—Dry Lake—Toole	1	280	7.0	....	......	......
Gordan Cr.—Ross Fork—Fergus	1	160	4.0	....	......	......
Gordon Cr.—Callahan Cr.—Lincoln	1	400	10.0	....	......	......
Gordon Cr.—Musselshell R.—Meagher	1	200	5.0	....	......	......
Gorman Coulee—Bull Hook Cr.—Hill	1	320	8.0	....	......	......
Gorman Cr.—Big Sandy Cr.—Chouteau	26	19,410	485.2	2	400	10.0
E. F. Gorman Cr.—Gorman Cr.—Chouteau	2	480	12.0	....	......	......
N. F. Gorman Cr.—Gorman Cr.—Chouteau	3	760	19.0	....	......	......
S. F. Gorman Cr.—Gorman Cr.—Chouteau	5	880	22.0	....	......	......
*Goss Cr.—Blubber Cr.—Lewis & Clark	2	475	11.9	....	......	......
Gottwerth Coulee .... Teton	1	400	10.0	....	......	......
Gougley Cr.—Fish Cr.—Sweetgrass	1	500	12.5	....	......	......
Gould Cr.—Virginia Cr.—Lewis & Clark	11	1,520	38.0	....	......	......
N. F. Gould Cr.—Gould Cr.—Lewis & Clark	2	150	3.8	....	......	......
S. F. Gould Cr.—Gould Cr.—Lewis & Clark	2	1,000	25.0	....	......	......
Gould Gulch—Virginia Cr.—Lewis & Clark		See Gould Creek.				
Goulding Cr.—Musselshell R.—Musselshell	5	1,100	27.5	....	......	......
Gould Swamp .... Lewis & Clark	1	100	2.5	....	......	......
Government Coulee—L. Otter Cr.—Cascade	1	40	1.0	....	......	......
Government Coulee—Teton R.—Teton	1	320	8.0	....	......	......
Government Cr.—E. Hound Cr.—Cascade	5	200	5.0	....	......	......
Government Cr.—Powder R.—Custer	2	800	20.0	....	......	......
Government Cr.—Judith R.—Fergus	1	all	......	....	......	......
Grab Coulee—Chip Coulee—Chouteau	1	160	4.0	....	......	......
Grace Cr.—Sage Cr.—Hill	1	100	2.5	....	......	......
Grady Cr.—Whitetail Cr.—Jefferson	1	50	1.2	....	......	......
Grady's Canyon—Boulder R.—Jefferson	1	150	3.8	....	......	......
Graff Coulee—Marias R.—Teton	1	300	7.5	....	......	......
Graham Coulee—Powder R.—Custer	1	500	12.5	....	......	......
Graham Cr.—Powder R. (6 S)—Custer	1	100	2.5	....	......	......
Graham Cr.—Boulder R.—Sweetgrass	1	100	2.5	....	......	......
Graham (Jack) Gh.—Muddy Cr.—Teton	4	860	21.5	....	......	......
Granate Cr.—Libby Cr.—Lincoln		See Granite Creek.				
Grand Camp Cr.—Teton R.—Chouteau	2	400	10.0	....	......	......
W. F. Grand Camp Cr.—Grand Camp Cr.—Chouteau	1	200	5.0	....	......	......
Grand Coulee—Hopley Cr.—Meagher	1	40	1.0	....	......	......
Grande Cr.—S. F. Musselshell R.—Meagher	3	280	7.0	....	......	......
Grandma's Cr.—Birch Cr.—Chouteau	1	20	0.5	....	......	......
Grandpa's & Mildred's Coulee—L. Box Elder Cr.—Hill	1	400	10.0	....	......	......
Grane Cr. .... Deer Lodge	1	all	......	....	......	......
Granger Coulee—Whitewater Cr.—Valley	1	†	......	....	......	......
Granger Cr.—Deep Cr.—Broadwater		See Granger's Fork.				
Granger's Fork—Deep Cr.—Broadwater	4	8,300	207.5	....	......	......
Granite Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Granite Cr.—Warm Spr. Cr.—Fergus	1	100	2.5	....	......	......
Granite Cr.—Boulder Cr.—Granite	6	1,750	43.8	....	......	......
Granite Cr. .... Lewis & Clark	1	all	......	....	......	......
Granite Cr.—Cherry Cr.—Lincoln	8	28,400	710.0	....	......	......
Granite Cr.—Alder Cr.—Madison	35	2,315	57.9	....	......	......
Granite Cr.—Lo Lo Cr.—Missoula	1	† ......§	......	....	......	......
Granite Cr.—Race Track Cr.—Powell				1	all	......
Granite Gulch—Greenhorn Gh.—L. & Clark	6	580	14.5	....	......	......
Granite Gulch—Alder Cr.—Madison		See Granite Creek.				
Granite Gulch—Elk Cr.—Powell	1	500	12.5	....	......	......
Grant's Coulee—Poplar R.—Sheridan	1	all	......	....	......	......
Grant Cr.—Elk Cr.—Meagher	1	160	4.0	....	......	......
Grant Cr.—Missoula R.—Missoula	20	12,151§	303.8	....	......	......
L. Br. Grant Cr.—Grant Cr.—Missoula	1	480	12.0	....	......	......
W. F. Grant Cr.—Grant Cr.—Missoula	2	375	9.4	....	......	......
Grant Cr.—Dunlap Cr.—Richland	1	150	3.8	....	......	......
Grant Cr.—Missouri R.—Richland	1	400	10.0	....	......	......
Grapevine Coulee—Big Horn R.—Big Horn	1	100	2.5	....	......	......
Grass Coulee—Ford's Cr.—Fergus	2	160	4.0	....	......	......
Grass Coulee—L. Box Elder Cr.—Hill	3	760	19.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Grasshopper Coulee—Snake Cr.—Blaine	3	560	14.0	....	......	......
Grasshopper Cr.—Beaverhead R.—B'head ..	93	†134,837§	3,370.9a	35	3,975	99.4
Grasshopper Cr.—L. Missouri—Fallon	1	500	12.5	....	......	......
Grassie Lake—Red River—Toole	2	1,640	41.0	....	......	......
Grass Lake Coulee—Yellowstone R.—Rosebud	1	500	12.5	....	......	......
Grass Valley Cr.—Ten Mile Cr.—Lewis & C.	13	587	14.7	....	......	......
Grass Valley Cr.—Missoula R.—Missoula ...	1	160	4.0	....	......	......
Grassy Coulee—Teton R.—Teton	2	1,320	33.0	....	......	......
Grassy Coulee—Red River—Toole	1	200	5.0	....	......	......
Grassy Lake—Milk R.—Hill	2	960	24.0	....	......	......
Grassy Slope Coulee—Spring Cr.—Meagher..	1	40	1.0	....	......	......
Graves Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
Graves Cr.—Tobacco R.—Lincoln	8	25,404	635.1	....	......	......
N. F. Graves Cr.—Graves Cr.—Lincoln	1	500	12.5	....	......	......
Grave Cr.—Lo Lo Cr.—Missouri	1	300	7.5	....	......	......
E. F. Grave Cr.—Grave Cr.—Missoula	1	300	7.5	....	......	......
Graves Cr.—Clark Fork—Sanders		See Grove Creek.				
Gravel Bottom Cr.—Teton R.—Teton		See Deep Creek.				
Gravel Coulee—Milk R.—Blaine	1	400	10.0	....	......	......
Gravel Coulee—Milk R.—Valley	1	600	15.0	....	......	......
Gravelly Coulee—Arrow Cr.—Chouteau	1	8,000	200.0	....	......	......
Gravelly Coulee—B. Sandy Cr.—Hill	6	11,700	292.5	....	......	......
First ForkGravelly Cr.—Gravelly Cr.—Hill..	1	500	12.5	....	......	......
Gravel Range Lake—Cottonwood Cr.—L. & C.	2	1,000	25.0	....	......	......
Graveyard Cr.—Yellowstone R.—Rosebud .	1	500	12.5	....	......	......
Gray Coulee—Sun R.—Cascade	1	100	2.5	....	......	......
Gray Coulee Cr.—Pumpkin Cr.—Custer ..	1	500	12.5	....	......	......
Grayling Cr.—Red Rock R.—Beaverhead...	1	160	4.0	....	......	......
Graying Cr.—Madison R.—Gallatin	8	1,860	46.5	....	......	......
Gray's Coulee—Half Breed Cr.—Toole	1	100	2.5	....	......	......
Gray's Gulch—Warm Spr. Cr.—Deer Lodge.	4	6,000	150.0	2	† all	......
Gray's Gulch .... Jefferson	1	40	1.0	....	......	......
Grayson Cr.—Missouri R.—Broadwater	9	1,150	28.8	13	950	23.8
Greasewood Coulee—Willow Cr.—Toole	1	400	10.0	....	......	......
Greasewood Cr.—B. Porcupine Cr.—Rosebud.	1	2,000	50.0	....	......	......
Greasewood Cr. ....Teton	1	200	5.0	....	......	......
Great Falls Cr.—Boulder R.—Park	2	2,000	50.0	....	......	......
Greeley Cr.—Yellowstone R.—Park	5	380	9.5	....	......	......
W. F. Greeley Cr.—Greeley Cr.—Park........	1	160	4.0	....	......	......
Green Canyon—Blacktail Dr. Cr.—Beaverhead	2	760	19.0	1	500	12.5
Green Canyon Cr.—Flathead Cr.—Gallatin ..	3	560	14.0	5	280	7.0
Green Coulee—Big Sandy Cr.—Hill	1	160	4.0	....	......	......
Green's Coulee—Marias R.—Teton	1	400	10.0	....	......	......
Green's Coulee—Willow Cr.—Toole	4	600	15.0	....	......	......
Green Cr. .... Cascade	1	22	0.5	....	......	......
Green Cr.—M. F. Dearborn R.—Lewis & C.	5	1,650	41.2	....	......	......
Green Gulch—Basin Cr.—Silver Bow	1	10	0.2	....	......	......
Green Hollow Cr.—W. Gallatin R.—Gallatin	1	†	......	....	......	......
Greenhorn Cr.—Seven Mile Cr.—Lewis & C.		See Greenhorn Gulch.				
Greenhorn Cr.—Ruby R.—Madison...........	3	†	......	....	......	......
Greenhorn Gulch—Confederate Gulch—Broadwater	2	all§	......	....	......	......
Greenhorn Gulch—Seven Mile Cr.—L. & C.	19	2,210	55.2	....	......	......
Greenland Cr.—German Gulch—Silver Bow..	4	2,200	55.0	....	......	......
Greenleaf Cr.—Rosebud R.—Rosebud	6	2,420	60.5	....	......	......
Greenman Coulee—Birch Cr.—Chouteau	4	b 600	15.0	....	......	......
S. F. Greenman Coulee—Greenman Coulee—Chouteau	2	480	12.0	....	......	......
Greenough Gulch—Hell Gate R.—Missoula...	2	1,130	28.2	....	......	......
Greenwood Cr.—N. F. Fish Cr.—Mineral	2	1,100	27.5	....	......	......
Greenwood Cr.—Pole Cr.—Musselshell	2	400	10.0	....	......	......
Greenwood Cr.—Big Lake—Stillwater	8	2,520	63.0	....	......	......
Gregg Cr.—Ashley Cr.—Flathead	1	500	12.5	....	......	......
Gregory Gulch—Prickly Pear Cr.—Jefferson	3	10	0.2	....	......	......
Gregson Cr.—Deer Lodge R.—Silver Bow ...	11	†955§	23.9	....	......	......
Gretchin's Pond—Clearwater R.—Missoula...	1	all	......	....	......	......

a—Add 1,000 gallons.
b—Add 351.6 acre feet.
†Add to filings amounts not given.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Grey Cliff Cr.—Yellowstone R.—Sweetgrass.	1	300	7.5	....	......	......
Greyer's Gulch .... Jefferson	1	120	3.0	....	......	......
Grey Horse Cr.—Three Mile Cr.—Ravalli....	1	30	0.8	1	54	1.3
S. F. Grey Horse—Grey Horse Cr.—Ravalli..	1	100	2.5	....	......	......
Greyson Cr.—Missouri R.—Broadwater		See Grayson Creek.				
Grierson Cr.—Sheafman Cr.—Ravalli	1	50	1.2	....	......	......
Griff Cr.—Hoover Cr.—Powell	2	320	8.0	4	233	5.8
Griffin Cr.—Indian Cr.—Custer	1	1,000	25.0	....	......	......
Griffin Cr.—L. Pumpkin Cr.—Custer	1	1,000	25.0	....	......	......
Griffin Cr.—Gold Cr.—Powell	1	75	1.9	....	......	......
Griffiths Cr. .... Deer Lodge	1	all	......	....	......	......
Griggs Cr.—Picture Coulee—Cascade	2	†20§	0.5	....	......	......
Grimes Cr.—Bloody Dick Cr.—Beaverhead..	6	1,640	41.0	6	287	7.2
Grimes Cr.—N. Sunday Cr.—Custer	2	2,000	50.0	....	......	......
Grindstone Cr.—Wind Cr.—Blaine	6	620	15.5	....	......	......
Grindstone Cr.—L. Powder R.—Custer	1	400	10.0	....	......	......
Grisly Cr.—Dearborn R.—Lewis & Clark....	2	1,250	31.2	....	......	......
Griswold Cr.—Muskrat Cr.—Jefferson	2	†100	2.5	....	......	......
Grizzly Cr.—Ranch Cr.—Granite	3	300	7.5	....	......	......
Grizzly Cr.—Rattlesnake Cr.—Missoula	1	150	3.8	....	......	......
Grizzly Gulch—Ranch Cr.—Granite		See Grizzly Creek.				
Grizzley Gulch—N. F. Dearborn R.—L. & C.	2	450	11.2	....	......	......
Grizzly Gulch—Last Chance Gh.—Lewis & C.	12	†170§	4.2	....	......	......
Gross Cr.—Box Elder Cr.—Fallon	2	3,200	80.0	....	......	......
Grote or Pine Tree Coulee—Weed Cr.—Rosebud	1	1,000	25.0	....	......	......
Ground Gulch—Rattlesnake Cr.—Beaverhead	1	320	8.0	....	......	......
Grouse Cr.—Wise R.—Beaverhead	2	16,300	407.5	....	......	......
Grouse Cr.—Rock Cr.—Blaine	8	1,820§	45.5	....	......	......
W. F. Grouse Cr.—Grouse Cr.—Blaine	1	100	2.5	....	......	......
Grouse Cr.—Snake Cr.—Blaine	3	350	8.8	....	......	......
Grouse Cr.—E. Gallatin R.—Gallatin	1	†	......	....	......	......
Grouse Cr.—Flint Cr.—Granite	1	500	12.5	....	......	......
Grouse Cr. ....Jefferson	3	225	5.6	....	......	......
Grouse C.—12 Mile Cr.—Mineral	2	600	15.0	....	......	......
Grouse Cr.—9 Mile Cr.—Missoula	2	150	3.8	....	......	......
Grouse Cr.—Canon Cr.—Park	1	160	4.0	....	......	......
Grouse Cr.—Boulder Cr.—Park	6	800	20.0	....	......	......
Grouse Cr.—Cherry Cr.—Sanders	1	50	1.2	....	......	......
Grouse Point Cr.—Rock Cr.—Blaine	1	280	7.0	....	......	......
Grove Coulee .... Valley	1	400	10.0	....	......	......
Grove Cr.—Clark Fork—Carbon	12	4,245	106.1	....	......	......
M. F. Grove Cr.—Grove Cr.—Carbon	1	160	4.0	....	......	......
N. F. Grove Cr.—Grove Cr.—Carbon	2	800	20.0	....	......	......
S. F. Grove Cr.—Grove Cr.—Carbon	1	500	12.5	....	......	......
Grove Cr.—Red Lodge Cr.—Carbon..........	1	100	2.5	....	......	......
Grove Cr.—Stillwater R.—Carbon	3	370	9.2	....	......	......
Grove Cr.—Tobacco R.—Lincoln		See Grave Creek.				
Groves Cr.—Peterson Cr.—Powell	2	†100	2.5	....	......	......
Grove Cr.—Clark F. Col. R.—Sanders	11	20.920	523.0	....	......	......
S. F. Grove Cr.—Groves Cr.—Sanders	6	1,940	48.5	....	......	......
Grove Cr.—Beaver Cr.—Yellowstone	6	2,320	58.0	....	......	......
W. F. Grove Cr.—Grove Cr.—Yellowstone....		See Grove Creek.				
S. W. F. Grove Cr.—Grove Cr.—Yellowstone..		See Grove Creek.				
Grove Gulch—Silver Bow Cr.—Silver Bow ..	10	2,600	65.0	....	......	......
Grub Gulch ....Jefferson	1	all	......	....	......	......
Grubbstock Cr.—Oregon Gulch—Mineral		See Grub Stake Gulch.				
Grub Stake Gulch—Oregon Gulch—Mineral..	3	1,800	45.0	....	......	......
Grush Cr.—Bitterroot R.—Ravalli		See Saw Tooth Creek.				
Guernsy Run Coulee—Cottonwood Cr.—Hill	1	200	5.0	....	......	......
Guffs Cr.—Hell Gate R.—Powell	1	200	5.0	....	......	......
Gulch Cr.—Clear Cr.—Blaine	1	40	1.0	....	......	......
Gulch Cr.—Newlan Cr.—Meagher	1	50	1.2	....	......	......
Gulch Cr.—Otter Cr.—Sweetgrass	1	100	2.5	....	......	......
Gulch No. 2, Furgess Park—L. Prickly Pear Cr.—Lewis & Clark	1	200	5.0	....	......	......
Gulch No. 3, Benton Road—L. Prickly Pear						

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Cr.—Lewis & Clark	1	150	3.8	....	......	......
Guinn Coulee—Belt Cr.—Cascade	1	250	6.2	....	......	......
Gumbo Coulee—Dry Lake—Toole	1	280	7.0	....	......	......
Gumbo Cr.—L. Powder R.—Custer	1	1,000	25.0	....	......	......
Gumbo Flat Cr.—L. Missouri R.—Fallon	3	3,500	87.5	....	......	......
Gunman Coulee ... Chouteau	1	600	15.0	....	......	......
Gurnette Cr.—Missouri—Broadwater	16	†825§	20.6	21	†1,540§	38.5
N. Gurnett Cr.—Gurnett Cr.—Broadwater	1	200	5.0	....	......	......
Gurnett Cr.—Cottonwood Cr.—Fergus	1	2,000	50.0	....	......	......
Gurney Cr.—Cedar Cr.—Stillwater	1	200	5.0	....	......	......
Guth Spring Coulee—Smoke Coulee—Teton	1	2,000	50.0	....	......	......
Guy Cr.—N. F. Smith R.—Meagher	5	925	23.1	2	240	6.0
Guy Hunter Canal—Shields R.—Park	1	300	7.5	....	......	......
Gypsy Cr.—Flint Cr.—Granite	1	50	1.2	....	......	......
H						
Haatsweat Coulee—Dry Fk Marias R.—Teton	1	200	5.0	....	......	......
Hackberry Cr.—L. Missouri R.—Fallon	8	†9,000§	225.0	....	......	......
Hackett Cr.—Red Rock R.—Beaverhead	1	200	5.0	....	......	......
N. F. Hackley Cr.—Hackley Cr.—Rosebud	1	400	10.0	....	......	......
Hackshaw Cr.—Flatwillow Cr.—Fergus	1	200	5.0	....	......	......
Haddow Cr.—Tongue R.—Custer	4	7,400	185.0	....	......	......
N. F. Haddow Cr.—Haddow Cr.—Custer	1	1,000	25.0	....	......	......
Hadsell Cr.—Ashley Cr.—Flathead	1	200	5.0	....	......	......
Hager's Coulee—Sheep Cr.—Teton	2	400	10.0	....	......	......
Haggarty Gulch ... Jefferson	1	85	2.1	....	......	......
Haggin Cr.—Warm Spr. Cr.—Deer Lodge	2	700	17.5	....	......	......
Haggin Lake—Warm Spr. Cr.—Deer Lodge		See Big Gulch Creek.				
Hague Cr.—Coal Cr.—Flathead	1	3,000	75.0	....	......	......
Hail Columbia Gulch—Brown's Gh.—S. Bow	11	†2,057§	51.4	....	......	......
N. F. Hailstone Basin—Hailstone Cr.—Stillwater		See Hailstone Creek.				
N. E. Br. Hailstone Basin—Hailstone Cr.—Stillwater		See Hailstone Creek.				
Hailstone Cr.—Cedar Cr.—Stillwater	7	15,668	391.7	....	......	......
N. F. Hailstone Cr.—See Hailstone Cr.—Stillwater						
Hailstone Cr.—Big Timber Cr.—Sweetgrass	1	500	12.5	2	110	2.8
Haines Cr.—Grassnopper Cr.—Beaverhead		See Twin Creek.				
Haines Cr.—Madison R.—Madison	1	all	......	....	......	......
Halbert Coulee—Rock Cr.—Valley	1	4,000	100.0	....	......	......
Halbert Cr.—Careless Cr.—Meagher	1	50	1.2	....	......	......
Hale Cr.—Gordon Cr.—Lincoln	1	400	10.0	....	......	......
Half Breed Coulee Cr.—Belt Cr.—Cascade	1	100	2.5	....	......	......
Half Breed Cr.—Clear Cr.—Blaine	1	200	5.0	....	......	......
N. F. Half Breed Cr.—Half Breed Cr.—Blaine	1	200	5.0	....	......	......
Half Breed Cr.—Pondera Coulee—Chouteau	2	440§	11.0	....	......	......
Half Breed Cr.—Big Spring Cr.—Fergus	2	600	15.0	....	......	......
Half Breed Cr.—Milk R.—Hill-Toole	36	6,660§	166.5	....	......	......
N. F. Half Breed Creek—Half Breed Cr.—Hill	1	100	2.5	....	......	......
S. F. Half Breed Cr.—Half Breed Cr.—Hill	1	150	3.8	....	......	......
Half Breed Cr.—M. F. Dearborn R.—L. & Clk.	1	100	2.5	....	......	......
Half Breed Cr.—S. F. Willow Cr.—Lewis & C.	1	200	5.0	....	......	......
Half Breed Cr.—Musselshell R.—Musselshell	12	2,770	69.2	....	......	......
Half Breed Gulch—Ford Cr.—Fergus	1	40	1.0	....	......	......
Half Way Coulee—Alkali Cr.—Blaine	1	200	5.0	....	......	......
1st S. F. Half Way Coulee—Half Way Coulee. Blaine	1	200	5.0	....	......	......
2d S. F. Half Way Coulee—Half Way Coulee Blaine	1	200	5.0	....	......	......
Half Way Coulee—Sage Cr.—Hill	2	160§	4.0	....	......	......
Half Way Coulee—Dry Lake—Toole	1	200	5.0	....	......	......
Half Way Cr. ... Deer Lodge	1	250	6.2	....	......	......
Half Way Cr.—Dog Cr.—Fergus	1	200	5.0	....	......	......
Half Way Park Cr.—Boulder R.—Jefferson	3	700§	17.5	....	......	......
Hall Coulee—Willow Cr.—Hill	1	40	1.0	....	......	......

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†Add to filings amounts not given.
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§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Hall's Coulee—Dry Lake—Toole	2	500	12.5	....	......	......
Hall Cr.—Pintler Cr.—Beaverhead	1	800	20.0	....	......	......
Hall Cr.—Rocky Gap Cr.—Cascade	2	200	5.0	....	......	......
Halls Cr.—Checkerboard Cr.—Meagher		See Hall's Gulch.				
Hall Cr.—Missoula R.—Mineral	1	500	12.5	....	......	......
Hall Cr.—Nevada Cr.—Powell	1	200	5.0	1	all	......
Halls Gulch—Checkerboard Cr.—Meagher	2	400	10.0	....	......	......
Hall's Gulch—Three Mile Cr.—Powell	....	......	......	1	75	1.9
Hallberg Cr.—Canyon Cr.—Ravalli	1	1,000	25.0	....	......	......
Halter Gulch ..... Jefferson	1	113	2.8	....	......	......
Halvorson Coulee—Teton R.—Teton	1	2,000	50.0	....	......	......
Hamby Cr.—Big Hole R.—Beaverhead	14	6,350	158.8	....	......	......
Hamil Cr.—Currant Cr.—Musselshell	1	320	8.0	....	......	......
Hamilton Coulee—Judith R.—Fergus	2	300	7.5	....	......	......
Hamilton Coulee ..... Valley	1	400	10.0	....	......	......
Hamilton Cr.—Pryor Cr.—Big Horn	2	40§	1.0	....	......	......
Hamilton Cr.—Little Beaver Cr.—Fallon	1	200	5.0	....	......	......
Hamilton Creek.—Judith R.—Fergus		See Hamilton Coulee.				
Hamilton Cr. ..... Lewis & Clark	1	all	......	....	......	......
Hamilton Cr.—S. F. Musselshell R.—Meagher	5	6,600	165.0	....	......	......
Hamilton Cr.—Sweetgrass Cr.—Sweetgrass	2	200	5.0	....	......	......
Hamlin Cr.—Seven Mile Cr.—Lewis & Clark	1	100	2.5	....	......	......
Hammet Cr.—Dry Wolf Cr.—Fergus	1	200	5.0	....	......	......
Hammond Coulee—Missouri R.—Chouteau	2	†80	2.0	....	......	......
Hammond Cr.—Shields R.—Park	3	920	43.0	4	430	10.8
Hammond Slope—See Hammond Coulee.—Chouteau						
Hancock Cr.—Ford Cr.—Fergus	2	360	9.0	....	......	......
Hancock Cr.—Divide Cr.—Silver Bow.	1	all	......	....	......	......
Handy Cr. ..... Sanders	1	†	......	....	......	......
Hanes Cr.—Grasshopper Cr.—Beaverhead	1	320	8.0	....	......	......
Haney Cr.—Flint Cr.—Granite	1	50	1.2	....	......	......
Hanging Woman Cr.—Tongue R.—Big Horn and Rosebud	12	7,700	192.5	....	......	......
E. F. Hanging Woman Cr.—Hanging Woman Cr.—Rosebud	5	1,360	34.0	....	......	......
Hangman Gulch—Smart Cr.—Granite	1	40	1.0	....	......	......
Hank Potter's Cr. ..... Meagher	1	200	5.0	....	......	......
Hanley Cr.—E. F. O'Fallon Cr.—Fallon	3	2,200	55.0	....	......	......
W. F. Hanley Cr.—Hanley Cr.—Fallon	1	200	5.0	....	......	......
Hanover Cr.—American Fork—Meagher	2	†500	12.5	....	......	......
Hans Coulee—Martin Cr.—Valley	1	200	5.0	....	......	......
Hansen Cr. ..... Lewis & Clark	1	500	12.5	....	......	......
Hanson Coulee—Snake Cr.—Blaine	1	200	5.0	....	......	......
Hanson Coulee—Shotgun Cr.—Sheridan	1	200	5.0	....	......	......
Hanson Coulee—Dry Lake—Toole	1	1,000	25.0	....	......	......
Hanson Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Happy Cr.—Rock Cr.—Granite	1	500	12.5	....	......	......
Happy Camp Cr.—Quartz Hill Gulch—B'vh'd.	4	250	6.2	....	......	......
Hardgrove Cr.—M. F. Dearborn R.—L. & C.	4	500	12.5	....	......	......
Hard Pan Cr.—Box Elder Cr.—Fallon	1	400	10.0	....	......	......
Hard Pan Cr.—Little Missouri R.—Fallon	2	1,000	25.0	....	......	......
Hardscrabble Cr.—Missouri R.—Richland	8	†12,900	322.5	....	......	......
E. F. Hardscrabble Cr.—Hardsc'ble Cr.—Rich.	7	3,900	97.5	....	......	......
W. F. Hardsc'ble Cr.—Hardsc'ble Cr.—Rich.	1	240	6.0	....	......	......
Hard to Find Cr.—Shields R.—Park	1	150	3.8	....	......	......
Hardy Cr.—Missouri R.—Cascade	5	810§	20.2	....	......	......
N. E. F. Hardy Cr.—Hardy Cr.—Cascade	1	100	2.5	....	......	......
Hargrave Gulch—Missoula R.—Mineral	1	50	1.2	....	......	......
Hargrove Coulee—Marias R.—Toole	1	400	10.0	....	......	......
Harkness Cr.—Nicolia Cr.—Beaverhead	1	60	1.5	....	......	......
Harlem Cr.—Milk R.—Blaine	1	1,000	25.0	....	......	......
Harley Coulee—E. Br. Cherry Cr.—Valley	1	500	12.5	....	......	......
Harley Cr.—Belt Cr.—Cascade	4	†2,600	65.0	....	......	......
W. F. Harley Cr.—Harley Cr.—Cascade	1	400	10.0	....	......	......
Harman Gulch—Oregon Gulch—Mineral	1	200	5.0	....	......	......
Harmon Cr.—Clear Cr.—Blaine	1	160	4.0	....	......	......
Harmon Cr.—Box Elder Cr.—Fallon	1	50	1.2	....	......	......

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Harney Cr.—Red Lodge Cr.—Carbon	3	450	11.2	8	620	15.5
Harriman Draw—Box Elder Cr.—Fallon	1	†	......	....	......	......
Harris Cr.—Snake Cr.—Blaine	1	100	2.5	....	......	......
Harris Cr.—Missouri R.—Cascade	1	400	10.0	....	......	......
Harris Cr.—Yellowstone R.—Custer	4	†2,500§a	62.5	....	......	......
Harris Cr.—Big Hole R.—Deer Lodge	8	3,100	77.5	....	......	......
Harris Cr.—Little Beaver Cr.—Fallon	1	200	5.0	....	......	......
Harris Gulch—Ruby R.—Madison	4	†30	0.8	....	......	......
Harris Lake—Rattlesnake Cr.—Beaverhead	2	360	9.0	....	......	......
Harrison Cr. Cascade	1	1,000	25.0	....	......	......
Harrison Cr.—Big Hole R.—Deer Lodge		See Harris Creek.				
Harrison Cr.—Clemons Cr.—Lewis & Clark	1	50	1.2	....	......	......
Harrison Lake—Rock Cr.—Beaverhead		See Rock Creek.				
Harry Cr.—Hay Cr.—Custer	1	1,000	25.0	....	......	......
Harry Lake—Petty Cr.—Missoula		See Lake Harry.				
Hart Cr.—Tongue R.—Rosebud	1	500	12.5	....	......	......
Harts Gulch—Bitterroot R.—Ravalli	1	60	1.5	....	......	......
Hartt Cr. Chouteau	1	240	6.0	....	......	......
Hartig Coulee—Missouri R.—Richland	2	1,000	25.0	....	......	......
Hartwell Gulch Madison	3	†100	2.5	....	......	......
Harvay Gulch Jefferson	1	500	12.5	....	......	......
Harvey Cr.—Hell Gate R.—Granite	21	17,215§	430.4	....	......	......
N. F. Harvey Cr.—Harvey Cr.—Granite	1	20	0.5	....	......	......
S. F. Harvey Cr.—Harvey Cr.—Granite	2	520	13.0	....	......	......
W. F. Harvey Cr.—Harvey Cr.—Granite	1	200	5.0	....	......	......
Harvey Lakes—Ashley Cr.—Missoula		See Lake Harvey.				
Harvey Lake—Teton R.—Teton	2	4,000	100.0	....	......	......
Harwood Cr.—Yogo Cr.—Cascade	1	200	5.0	....	......	......
Harwood Lake—Missouri R.—Chouteau	1	80	2.0	....	......	......
Hasketts Cr.—Powder R.—Custer	1	500	12.5	....	......	......
Haskins Cr.—Tom Miner Cr.—Park	5	1,040§	26.0	....	......	......
Haskins & Swift Cr.—Tom Miner Cr.—Park		See Haskins Creek.				
Hasquet Coulee—Dry Lake—Toole	2	600	15.0	....	......	......
Hat Cr.—Little Blackfoot R.—Powell	8	4,940	123.5	....	......	......
N. F. Hat Cr.—Hat Cr.—Powell	1	100	2.5	....	......	......
S. F. Hat Cr.—Hat Cr.—Powell	1	240	6.0	....	......	......
Hatch Cr.—Smith R.—Meagher	2	400	10.0	....	......	......
Hatchet Cr.—Yellowstone R.—Dawson	1	320	8.0	....	......	......
Hatler Coulee—Big Sandy Cr.—Hill	1	160	4.0	....	......	......
Haw Gulch—Sixteen Mile Cr.—Gallatin	1	30	0.8	....	......	......
Hawk Coulee—Ross Fork—Fergus	5	720§	18.0	....	......	......
Hawk Coulee—Half Breed Cr.—Toole		See Hawk Creek.				
Hawk's Cr.—Musselshell R.—Musselshell	12	†2,920§	73.0	....	......	......
Hawk Cr.—Half Breed Cr.—Toole	5	420	10.5	....	......	......
Hawk Nest Coulee Valley	1	all	......	....	......	......
Hawkey Cr.—Little Powder R.—Custer	1	1,600	40.0	....	......	......
Hawkey Cr.—Powder R.—Custer	1	5,000	125.0	....	......	......
Hawkinson Coulee—Milk R.—Blaine	1	120	3.0	....	......	......
Hawley Cr.—Beauchamp Cr.—Blaine	2	160	4.0	....	......	......
Hawley Gulch—Spring Cr.—Jefferson	1	all	......	....	......	......
Hay Basin—Dean Cr.—Yellowstone	1	200§	5.0	....	......	......
Hay Canyon Cr. Jefferson	1	20	0.5	....	......	......
Hay Coulee—Milk R.—Blaine	1	1,000	25.0	....	......	......
Hay Coulee—N. F. Milk R.—Blaine	2	1,040	26.0	....	......	......
Hay Coulee—Snake Cr.—Blaine	1	200	5.0	....	......	......
Hay Coulee—Musselshell R.—Fergus	1	200	5.0	....	......	......
Hay Coulee—Marias R.—Hill	3	920	23.0	....	......	......
*Hay Coulee—Elk Cr.—Lewis & Clark	1	100	2.5	....	......	......
Hay Coulee—Missouri R.—Sheridan	2	26,100	652.5	....	......	......
Hay Coulee—Birch Cr.—Teton	1	400	10.0	....	......	......
Hay Coulee—Deep Cr.—Teton	3	500	12.5	....	......	......
Hay Coulee—Dry Fk. Marias—Teton	1	200	5.0	....	......	......
Hay Coulee—Sheep Cr.—Teton		See George Davis Coulee.				
Hay Coulee—Dry Lake—Toole	1	200	5.0	....	......	......
Hay Coulee—Miners Coulee—Toole	4	1,500	37.5	....	......	......
Hay Coulee—Milk R.—Valley	10	95,380	2,384.5	....	......	......
Hay Cr.—Lone Tree Cr.—Cascade	13	2,070§	51.8	....	......	......

a—Add a reservoir right of 25,000 cubic feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
N. F. Hay Cr.—Hay Cr.—Cascade	1	200	5.0	....	......	......
Hay Cr.—Mizpah Cr.—Custer	2	1,000	25.0	....	......	......
Hay Cr.—Powder R. (T. 5 S.)—Custer	1	160	4.0	....	......	......
Hay Cr.—Cabin Cr.—Custer		See Ash Creek.				
Hay Cr.—O'Fallon Cr.—Custer	1	1,000	25.0	....	......	......
Hay Cr.—Powder R. (T. 6 N.)—Custer	3	1,800	45.0	....	......	......
Hay Cr.—Yellowstone R.—Custer	1	400	10.0	....	......	......
Hay Cr. ...Custer	3	4,000	100.0	....	......	......
Hay Cr.—Little Dry Cr.—Dawson	4	2,000	50.0	....	......	......
Hay Cr.—Redwater Cr.—Dawson	1	all	......	....	......	......
Hay Cr.—Spring Cr.—Dawson	1	500	12.5	....	......	......
Hay Cr.—Timber Cr.—Dawson	2	700	17.5	....	......	......
Hay Cr.—Blacktail Cr.—Fallon	1	1,500§	37.5	....	......	......
Hay Cr.—Box Elder Cr.—Fallon	1	200	5.0	....	......	......
Hay Cr.—Crooked Cr.—Fallon	1	400	10.0	....	......	......
Hay Cr.—Little Beaver Cr.—Fallon	2	700§	17.5	....	......	......
W. F. Hay Cr.—Hay Cr.—Fallon	1	1,000	25.0	....	......	......
Hay Cr.—Little Missouri—Fallon	1	500	12.5	....	......	......
Hay Cr.—O'Fallon Cr.—Fallon	1	500	12.5	....	......	......
Hay Cr.—Ross Fork—Fergus	4	660	16.5	....	......	......
Hay Cr.—Flathead R.—Flathead	2	10,025§	250.6	....	......	......
Hay Cr.—Battle Cr.—Meagher	4	920	23.0	....	......	......
Hay Cr.—Yellowstone R.—Richland	14	10,180§	254.5	....	......	......
Hay Cr.—Hanging Woman Cr.—Rosebud	1	300	7.5	....	......	......
Hay Cr.—Sweeny Cr.—Rosebud	1	180	4.5	....	......	......
Hay Cr.—Yellowstone R.—Rosebud	11	8,260§	206.5	....	......	......
Hay Cr.—Big Muddy Cr.—Sheridan	1	1,500	37.5	....	......	......
Hay Cr.—Beaver Cr.—Valley	1	1,000	25.0	....	......	......
Hay Cr.—Snake Cr.—Valley	2	2,000	50.0	....	......	......
Hay Draw—Willow Cr.—Fallon	1	500	12.5	....	......	......
Hay Lake—Black Cr.—Blaine	1	all	......	....	......	......
Hay Lake Coulee—Pondera Coulee—Chouteau	1	400	10.0	....	......	......
Hay Lakes—Snake Coulee—Teton	2	3,000	75.0	....	......	......
Hayden Cr.—S. F. Bitterroot R.—Ravalli		See S. F. & E. F. Hughes Cr.				
Hayes Cr.—Bull Cr.—Beaverhead	..	......	......	1	all	......
Hayes Cr.—Reese Cr.—Gallatin	3	†150	3.8	....	......	......
Hayes Cr.—Bitterroot R.—Missoula	2	540	13.5	....	......	......
N. F. Hayes Cr.—Hayes Cr.—Missoula	1	20	0.5	....	......	......
Hayes Cr.—Bitterroot R.—Ravalli	1	80	2.0	....	......	......
Haymaker Cr.—Musselshell R.—Meagher	9	a14,120§	353.0	1	500	12.5
E. F. Haymaker Cr.—Haymaker Cr.—Meagher	3	5,388	134.7	....	......	......
E. F. of M. F. Haymaker Cr.—See Haymaker Cr.—Meagher	..	......	......	....	......	......
Haynes Coulee—Muddy Cr.—Teton	1	100	2.5	....	......	......
Haynes Gulch—Clancy Cr.—Jefferson	1	2	.05	....	......	......
Hayroad Coulee—Box Elder Cr.—Blaine	1	160	4.0	....	......	......
Hay Stack Butte Cr.—Blubber Cr.—L. & Clark	1	150	3.8	....	......	......
Hay Stack Butte F. Sun R.—See S. F. Sun R.—Lewis & Clark	..	......	......	....	......	......
Hay Stack Coulee—Rosebud R.—Rosebud	1	500	12.5	....	......	......
Hay Stack Cr.—Flint Cr.—Granite	1	160	4.0	....	......	......
Hazlett Cr.—Coffee Cr.—Fergus	1	500	12.5	....	......	......
Head Coulee—Dry Lake—Toole	1	200	5.0	....	......	......
Headlight Coulee—Rock Coulee—Teton	1	200	5.0	....	......	......
E. Headlight Coulee—Headl. Coulee—Teton	1	5,000	125.0	....	......	......
M. Headlight Coulee—Headl. Coulee—Teton	1	500	12.5	....	......	......
W. Headlight Coulee—Rock Coulee—Teton	1	2,000	50.0	....	......	......
Headquarters Cr.—Eldridge Cr.—Park	4	635§	15.9	....	......	......
Healey Coulee—Dry Lake—Toole	4	1,080	27.0	....	......	......
Hearst Cr.—Warm Spr. Cr.—Deer Lodge		See Gray's Gulch.				
Hearst Lake—Grays Gulch—Deer Lodge		See Gray's Gulch.				
Heaton Cr.—Haymaker Cr.—Meagher	1	b	......	....	......	......
Hebbelman Coulee—Milk R.—Blaine	2	620	15.5	....	......	......
Hedborn Cr.—Yellowstone R.—Park	1	300	7.5	....	......	......
Hedges Coulee—Big Muddy Cr.—Sheridan	1	5,184	129.6	....	......	......
Hedges Cr.—Cow Cr.—Blaine	3	1,520	38.0	1	600	15.0
E. F. Hedges Cr.—Hedges Cr.—Blaine	1	100	2.5	....	......	......

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a—Add 200,000,000 cubic feet annually.
b—One filing 4,500,000,000 cubic feet annually.
†Add to filings amounts not given.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
N. F. Hedges Cr.—Hedges Cr.—Blaine........	1	100	2.5	....	......	......
W. F. Hedges Cr.—Hedges Cr.—Blaine......	1	100	2.5	....	......	......
Hedges Cr.—Careless Cr. (8 N. 18 E.)—Meagher	2	390	9.8	....	......	......
Hedges Cr.—Careless Cr. (9 N. 17 E.)—Meagh.	1	60	1.5	....	......	......
Heffner Coulee—Sand Cr.—Carbon..........	1	4,000	100.0	....	......	......
Heggen Draw—Little Beaver Cr.—Fallon....	4	2,000	50.0	....	......	......
Heifer Cr.—Bull Cr.—Beaverhead	1	160	4.0	....	......	......
Heimbignee Coulee—Cottonwood Cr.—Hill..	1	20,000	500.0	....	......	......
Heindadhl Coulee—Portage Coulee—Cascade.	1	350	8.8	....	......	......
Heines Coulee—Dry Fork Marias R.—Teton..	1	200	5.0	....	......	......
Heiserman Coulee—Judith R.—Fergus.......	2	200	5.0	....	......	......
Helen Lake—Rattlesnake Cr.—Missoula.....	1	1,296	32.4	....	......	......
Helgate Stream—Missouri R.—Broadwater Lewis & Clark		See Hell Gate Canyon Creek.				
Hell Cr.—Little Powder R.—Custer..........	1	600	15.0	....	......	......
Hell Canon Cr.—Jefferson R.—Madison......	20	†51,778§	1,294.4	....	......	......
Hell Canyon Cr.—Jefferson R.—Madison.....		See Hell Canon Creek.				
Hell Gate Coulee—Skit Coulee—Chouteau....	3	1,000	25.0	....	......	......
Hell Gate Cr.—Missouri R.—Broadwater-Lewis & Clark		See Hell Gate Canyon Creek.				
Hell Gate Gulch—Missouri R.—Broadwater-Lewis & Clark		See Hell Gate Canyon Creek.				
Hell Gate Canyon Cr.—Missouri R.—Broadwater-Lewis & Clark	14	†2,600	65.0	....	......	......
Hell Gate R.—Missoula R.—Powell, Granite-Missoula	97	†796,888§	19922.2	95	1,933	48.3
Hell Roaring Cr.—Red Rock R.—Beaverhead	1	100	2.5	....	......	......
Hell Roaring Cr.—Rocky Fork—Carbon.....	1	480	12.0	....	......	......
Hell Roaring Cr.—Flathead Lake—Flathead	5	51,765	1,294.1	....	......	......
Hell Roaring Cr.—Whitefish Cr.—Flathead..	1	800	20.0	....	......	......
Hell Roaring Cr.—W. Gallatin R.—Gallatin..	3	4,000	100.0	3	110	2.8
Hell Roaring Cr.—Jefferson R.—Madison....		See Hell Canon Creek.				
Hell Roaring R.—Jefferson R.—Madison....		See Hell Canon Creek.				
Heller Cr.—Flathead R.—Flathead	1	400	10.0	....	......	......
Helm Cr. ....Custer	1	3,000	75.0	....	......	......
Hench's Gulch—Big Blackfoot R.—Powell...	1	†	......	....	......	......
Henderson Cr.—Flint Cr.—Granite		See Henderson Gulch.				
Henderson Cr.—Horse Cr.—Lincoln	1	all	......	....	......	......
W. Henderson Cr.—Yellowstone R.—Park....	1	all	......	....	......	......
Henderson Cr.—One Horse Cr.—Ravalli......	1	72	1.8	....	......	......
Henderson's Fork—Cow Cr.—Blaine.........		Filed Under Cow Creek.				
Henderson Gulch—Flint Cr.—Granite........	13	†1,220§	30.5	2	130	3.2
E. F. Henderson G.—Henderson G.—Granite	1	50	1.2	....	......	......
W. F. Henderson G.—Henderson G.—Granite	1	50	1.2	....	......	......
Hendricks Gulch—Silver Cr.—Lewis & Clark	2	300	7.5	....	......	......
Hendricks Niyaski Gulch—L. & C............		See Hendrick's Gulch.				
Hendrickson Cr. ....Chouteau	1	400	10.0	....	......	......
Henning Cr.—Powder R.—Custer............	6	12,360	309.0	....	......	......
Hennings Lake—Dry Lake—Toole	2	155	3.9	....	......	......
Henrietta Cr.—Little Powder R.—Custer....	1	1,000	25.0	....	......	......
Henry's Basin—Beaver Cr.—Hill	1	300	7.5	....	......	......
Henry's Coulee—Snake Cr.—Blaine..........	1	320	8.0	....	......	......
Henry Cr.—Duck Cr.—Park-Sweetgrass.....	2	700	17.5	3	360	9.0
Henry Cr.—Bitterroot R.—Ravalli..........	1	150	3.8	....	......	......
Henry Cr.—Clark Fork Columbia—Sanders..	3	540	13.5	1	160	4.0
Henry L. Dillard—Milk R.—Valley	1	600	15.0	....	......	......
Hensen Cr.—People's Cr.—Blaine	1	320	8.0	....	......	......
Hensley Cr. .... Jefferson	1	100	2.5	....	......	......
Hensley Cr.—S. F. Musselshell R.—Meagher	3	820	20.5	....	......	......
Hensley Creek—Yellowstone R.—Stillwater..	3	420	10.5	....	......	......
Hensley Gulch—Deer Lodge R.—Silver Bow..	1	100	2.5	....	......	......
Herd Horse Cr.—Barnes Cr.—Granite	3	220	5.5	....	......	......
Herd House Cr.—See Herd Horse Cr.—Granite						
Herman Cr.—Tongue R.—Custer	1	160	4.0	....	......	......
Herman Cr.—Fisher Cr.—Lincoln	1	1,000	25.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Herman Gulch—Clark's Cr.—Cascade	1	20	.5	....	......	......
Hermanson Cl.—Dry Fk. Marias R.—Teton	1	200	5.0	....	......	......
Herrick's Gulch—Elk Cr.—Granite	1	†	......	....	......	......
Herroun Coulee—Milk R.—Hill	1	10	.2	....	......	......
Hertzler Cr.—Lee Cr.—Rosebud	1	1,000	25.0	....	......	......
Herum Cr.—Mud Cr.—Meagher	2	360	9.0	....	......	......
Heryakha Cr. .... Missoula	2	10,000	250.0	....	......	......
Hetter Cr.—Missoula R.—Mineral	1	200	5.0	....	......	......
Hettinger Coulee—Dry Fk. Marias R.—Teton	1	200	5.0	....	......	......
Heylin Cr.—Yogo Cr.—Cascade or Fergus	1	200	5.0	....	......	......
Hibbard Cr.—Yellowstone R.—Yellowstone	4	1,620	40.5	....	......	......
Hickory Cr.—Flint Cr.—Granite		See Frost Creek.				
Hicks Coulee—Miners Coulee—Hill	1	200	5.0	....	......	......
Hidden Lake—Cable Cr.—Deer Lodge	1	all	......	....	......	......
Hidden Lake—Cliff Lake—Madison	2	1,500	37.5	....	......	......
Hidden Water Cr.—L. Beaver Cr.—Fallon	3	4,500	112.5	....	......	......
N. F. Hidden Water Cr.—Hidden Water Cr.—Fallon	1	3,000	75.0	....	......	......
Hide Cr.—Ross Fork—Fergus	1	160	4.0	....	......	......
Higgins Coulee—Pondera Coulee—Chouteau	1	200	5.0	....	......	......
Higgins Coulee—W. F. Muggins Cr.—Rosebud	1	800	20.0	....	......	......
Higgins Cr.—Little Beaver Cr.—Fallon	1	300	7.5	....	......	......
Higgins Cr.—Hell Gate R.—Missoula	1	500	12.5	....	......	......
High Cr.—Fish Cr.—Silver Bow	2	350	8.8	....	......	......
High Gulch Stream—Clancy Cr.—Jefferson	2	† 25	.6	....	......	......
High Hill Coulee—Rock Cr.—Valley	1	14,000	350.0	....	......	......
Highland Coulee—Rock Coulee—Teton	1	1,600	40.0	....	......	......
Highland Gulch—Fish Cr.—Silver Bow	8	†all§	......	....	......	......
High Ore Gulch—Boulder R.—Jefferson	20	† 4,390	109.8	....	......	......
E. F. High Ore Gulch—High Ore Gulch—Jefferson	1	300	7.5	....	......	......
N. F. High Ore Gulch—High Ore Gulch—Jefferson	1	300	7.5	....	......	......
W. F. High Ore Gulch—High Ore Gulch—Jefferson	1	200	5.0	....	......	......
Highwood Coulee—Willow Cr.—Toole	2	240	6.0	....	......	......
*Highwood Cr.—Missouri R.—Cascade and Chouteau	55	†7,480§	187.0	....	......	......
S. F. Highwood Gap Cr.—Highwood Cr.—Chouteau	1	all	......	....	......	......
Hilda Lake—Rattlesnake Cr.—Missoula	1	1,296	32.4	....	......	......
Hildreth Cr.—Medicine Lodge Cr.—B'head	1	150	3.8	....	......	......
Hilger Coulee—Dry Lake—Toole	2	500	12.5	....	......	......
Hill Coulee—Armell's Cr.—Fergus	1	†	......	....	......	......
Hill Coulee—Willow Cr.—Teton	1	200	5.0	....	......	......
Hill Cr.—Trapper Cr.—Beaverhead	1	all	......	....	......	......
Hill Cr.—Clear Cr.—Blaine	1	80	2.0	....	......	......
S. Hill Cr.—Tongue R.—Custer	1	400	10.0	....	......	......
Hill Cr.—Musselshell R.—Meagher	1	100	2.5	....	......	......
Hill Cr.—Woods Cr.—Meagher	2	480	12.0	....	......	......
Hill Cr.—Stillwater R.—Stillwater		See Joe Hill Creek.				
Hillside Coulee—Peoples Cr.—Blaine	1	200	5.0	....	......	......
Hillside Coulee—Missouri R.—Sheridan	1	5,184	129.6	....	......	......
Hillside Draw—Powder R.—Custer	1	500	12.5	....	......	......
Hilson Camp Cr.—Graveyard Cr.—Custer	3	450	11.2	....	......	......
Hinch Cr.—W. F. Blacktail Deer Cr.—B'head	2	†40	1.0	....	......	......
Hines Gulch—Clarke Fork—Carbon	1	50	1.2	....	......	......
Hingham Coulee—Sage Cr.—Hill	2	900	22.5	....	......	......
Hiora Gulch—Boulder R.—Jefferson		See High Ore Gulch.				
Hobbs Coulee—Dry Cr.—Sweetgrass	1	100	2.5	....	......	......
Hobbs Ravine—Bull Hook Cr.—Hill	1	200	5.0	....	......	......
Hockett Basin (or Cr.)—Powder R.—Custer	2	1,500	37.5	....	......	......
Hockey Cr. .... Custer	1	2,000	50.0	....	......	......
Hodman Coulee—Teton R.—Teton	5	2,340	58.5	....	......	......
Hodson Cr.—E. Gallatin R.—Gallatin	1	200	5.0	....	......	......
Hofeldt Cr.—People's Cr.—Blaine	7	480§	12.0	....	......	......
Hoffman Coulee—Pondera Coulee—Toole	1	800	20.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Hoffman Cr.—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Hoffman Cr.—Carter Cr.—Madison-B'head ..	6	980	24.5	....	......	......
Hoffman Spring Cr.—Bozeman Cr.—Gallatin.	1	50	1.2	....	......	......
Hogan Cr.—Sheep Cr.—Beaverhead	1	160	4.0	....	......	......
Hogan Cr.—E. Red Lodge Cr.—Carbon	4	841	21.0	3	280	7.0
E. F. Hogan Cr.—Hogan Cr.—Carbon	2	235	5.9	....	......	......
Hogan Cr.—Flat Cr.—Lewis & Clark	3	†300	7.5	....	......	......
Hogan Cr.—Yellowstone R.—Yellowstone ..	2	600	15.0	....	......	......
Hogan's Slough—Yellowstone R.—Yellow'ne	2	400	10.0	....	......	......
Hogback Coulee—Rock Cr.—Valley	1	600	15.0	....	......	......
Hogback Spr. Cr.—16 Mile Cr.—Meagher ..	1	160	4.0	....	......	......
Hog'em Cr.—Big Blackfoot—Powell	3	800	20.0	....	......	......
Hog'ems Gulch—B. Blackfoot R.—Powell...		See Hog'em Creek.				
Hog Hollow ....Madison	1	60	1.5	....	......	......
Hog Ranch Spr. Cr. ....Lewis & Clark	1	70	1.8	....	......	......
Hogrewe Coulee—Dry Lake—Toole	1	400	10.0	....	......	......
Hogum Gulch—Gold Cr.—Powell	1	200	5.0	....	......	......
R. F. Hogum Gulch—Hogum Gulch—Powell	1	100	2.5	....	......	......
Hog Wallow Gulch ....Madison	1	all	......	....	......	......
Hole in the Ground—Coffee Cr.—Fergus....	1	200	5.0	....	......	......
Hole in Rock Cr.—Duck Cr.—Sweetgrass....	1	160	4.0	1	100	2.5
Holehan Cr.—Horse Prairie Cr.—Beaverhead	1	160	4.0	....	......	......
Holland Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
Holland Cr.—Swan R.—Missoula	1	1,000	25.0	....	......	......
Hollenbeck Coulee—Trail Cr.—Toole	1	600	15.0	....	......	......
Hollingsworth Cr.—Red Rock R.—B'head ...	1	100	2.5	....	......	......
Hollowell Coulee—Sand Cr.—Carbon	1	6,000	150.0	....	......	......
Holly Cr. .... Chouteau	2	16,000	400.0	....	......	......
Holman or Basin Coulee—Musselshell R.—Musselshell	1	10,000	250.0	....	......	......
Holmes Gulch—Prickly Pear Cr.—Lewis & Clark and Jefferson	5	†430	10.8	1	F 67	1.7
Holt Cr.—Irvine Cr.—Flathead	1	120	3.0	....	......	......
Holts Bar—Silver Bow Cr.—Silver Bow		See Holts Creek.				
Holts Cr.—Silver Bow Cr.—Silver Bow......	2	† all	......	....	......	......
Home Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Home Creek—Little Powder R.—Custer	1	200	5.0	....	......	......
Home Creek—Otter Cr.—Custer	3	4,400	110.0	....	......	......
Home Cr.—Sheep Cr.—Custer	1	100	2.5	....	......	......
Home Cr.—Boulder R.—Jefferson	2	200	5.0	....	......	......
Home Cr.—Musselshell R.—Rosebud	2	500	12.5	....	......	......
Home Gulch ....Gallatin	1	100	2.5	....	......	......
Home Lake—Missouri R.—Chouteau	1	200	5.0	....	......	......
Homer White Gulch ....Madison	1	100	2.5	....	......	......
Homestake Cr.—Pipestone Cr.—Jefferson ...	6	2,160	54.0	....	......	......
Homestake Cr.—Prickly Pear Cr.—Jefferson	....	......	......	1	F 10	0.2
Homestake Cr.—Cedar Cr.—Mineral		See Homestake Gulch.				
Homestake Gulch—Cedar Cr.—Mineral	4	† 1,400	35.0	....	......	......
Homestead Cr. ....Custer	1	500	12.5	....	......	......
Homestead Cr.—Deer Lodge R.—Silver Bow..	1	†	......	....	......	......
Honeymoon Cr. ....Chouteau	1	200	5.0	....	......	......
Hood & Kinney Cr.—Divide Cr.—Silver Bow	1	100	2.5	....	......	......
Hoodoo Cr.—Cataract Cr.—Jefferson	2	1,000	25.0	....	......	......
Hooper Springs Cr.—Dutch Hollow—B'head.	2	600	15.0	....	......	......
Hoop-Up Cr.—Yellowstone R.—Dawson	1	4,000	100.0	....	......	......
Hoopup Cr.—Willow Cr.—Musselshell	1	120	3.0	....	......	......
Hoor Cr.—Rock Cr.—Carbon	1	600	15.0	....	......	......
Hoover Coulee—Dry Fk. Marias—Teton	1	200	5.0	....	......	......
E. F. Hoover Coulee—Hoover Coulee—Teton	1	200	5.0	....	......	......
Hoover Cr.—Hell Gate R.—Powell	3	600§	15.0	....	......	......
Hop Cr.—Highwood Cr.—Chouteau	1	200	5.0	....	......	......
Hope Cr.—Soap Cr.—Silver Bow	1	200	5.0	....	......	......
Hope Gulch—Boulder R.—Jefferson	1	100	2.5	....	......	......
Hope Gulch—Dog Cr.—Lewis & Clark	19	†2,685§	67.1	....	......	......
Hope Lake ....Deer Lodge		See Lake Hope.				
Hope & Muskrat Lakes—Rock Coulee—Teton	1	1,000	25.0	....	......	......
Hopkins Cr.—Swan R.—Flathead	1	200	5.0	....	......	......

F Federal decree
†Add to filings amounts not given.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Hopley Cr.—Musselshell R.—Meagher	14	2,330	58.2	....	......	......
E. F. Hopley Cr.—Musselshell R.—Meagher.		See Hopley Creek.				
M. F. Hopley Cr.—Hopley Cr.—Meagher	2	600	15.0	....	......	......
Hoppe Cr.—Mulhern Cr.—Park	2	550	13.8	....	......	......
Hopper Cr.—Billman Cr.—Park	3	†305	7.6	....	......	......
Horn Coulee—Missouri R.—Cascade	1	1,200	30.0	....	......	......
N. F. Horn Coulee—Horn Coulee—Cascade	1	1,000	25.0	....	......	......
Horn Cr.—Cliff Lake—Madison	1	400	10.0	....	......	......
Horner Cr.—Tie Cr.—Fallon	1	500	12.5	....	......	......
Horr Cr.—Clarke Fork—Carbon	1	300	7.5	....	......	......
Horse Coulee—Beaver Cr.—Valley	1	4,000	100.0	....	......	......
Horse Coulee—Rock Cr.—Valley	1	400	10.0	....	......	......
Horse Cr.—Grimes Cr.—Custer	1	1,000	25.0	....	......	......
Horse Cr.—Powder R.—Custer.	4	b 2,000	50.0	....	......	......
Horse Cr.—Tongue R.—Custer	1	600	15.0	....	......	......
Horse Cr.—Wright Cr.—Custer	1	400	10.0	....	......	......
Horse Cr.—Redwater Cr.—Dawson	1	300	7.5	....	......	......
Horse Cr.—Box Elder Cr.—Fallon	7	†8,300§	207.5	....	......	......
N. F. Horse Cr.—Horse Cr.—Fallon	1	200	5.0	....	......	......
Horse Cr.—Cabin Cr. (L. Missouri)—Fallon	3	3,000	75.0	....	......	......
Horse Cr.—Cabin Cr. (Yellowstone—Fallon	1	1,000	25.0	....	......	......
Horse Cr.—Little Missouri R.—Fallon	1	600	15.0	....	......	......
N. F. Horse Cr.—Horse Cr.—Fallon	2	2,000	50.0	....	......	......
M. W. F. Horse Cr.—Horse Cr.—Fallon	2	1,000	25.0	....	......	......
Horse Cr.—Cottonwood Cr.—Hill	21	3,920	98.0	....	......	......
E. F. Horse Cr.—Horse Cr.—Hill	1	100	2.5	....	......	......
N. F. Horse Cr.—Horse Cr.—Hill	1	80	2.0	....	......	......
W. F. Horse Cr.—Horse Cr.—Hill	1	320	8.0	....	......	......
Horse Cr.—Granite Cr.—Lincoln	1	20,000	500.0	....	......	......
Horse Cr.—Red Rock R.—Madison		See Horse Camp Creek.				
Horse Cr.—Ruby R.—Madison	3	†	......	....	......	......
Horse Cr.—Battle Cr.—Meagher	2	260	6.5	....	......	......
Horse Cr.—Shields R.—Park	12	2,560	64.0	13	a830	20.8
N. F. Horse Cr.—Horse Cr.—Park	7	†1,250§	31.2	13	a1,241	31.0
S. F. Horse Cr.—Horse Cr.—Park	2	260	6.5	6	705	17.6
Horse Cr.—Tom Miner Cr.—Park	8	1,430	35.8	....	......	......
E. F. Horse Cr.—Horse Cr.—Park	1	160	4.0	....	......	......
Horse Cr.—Armell's Cr.—Rosebud	3	1,320	33.0	....	......	......
Horse Cr.—Big Porcupine Cr.—Rosebud	3	900	22.5	....	......	......
Horse Cr.—Musselshell R.—Rosebud	1	200	5.0	....	......	......
Horse Cr.—Sarpy Cr.—Rosebud	1	100§	2.5	....	......	......
Horse Cr.—Yellowstone R.—Rosebud	4	1,940§	48.5	....	......	......
Horse Cr.—Red Bank Cr.—Sheridan	3	6,784	169.6	....	......	......
Horse Cr.—Wheeler Cr.—Sweetgrass	1	100	2.5	....	......	......
Horse Cr.—Rock Cr.—Valley	1	1,000	25.0	....	......	......
Horse Gulch—Willow Cr.—Granite	5	†450§	11.2	....	......	......
Horse Gulch—Missouri R.—Lewis & Clark	3	†150	3.8	....	......	......
Horse Butte Cr.—S. F. Smith R.—Meagher	1	40	1.0	....	......	......
Horse Camp Coulee—Milk R.—Valley	1	400	10.0	....	......	......
Horse Camp Cr.—Red Rock R.—Beaverhead.	3	460	11.5	....	......	......
Horse Camp Cr.—Ramme Cr.—Fallon	3	1,500	37.5	....	......	......
Horse Canyon Cr.—Red Rock R.—Beaverhead	1	80	2.0	....	......	......
Horse Canyon Cr.—Willow Cr.—Granite		See Horse Gulch.				
Horse Canyon Cr.—Silver Bow Cr.—Silver B.	3	800	20.0	....	......	......
Horse and Coal Cr.—Alkali Cr.—Rosebud	1	160	4.0	....	......	......
Horse Corral Coulee—N. F. Milk R.—Blaine	1	50	1.2	....	......	......
Horse Fly Gulch—Eureka Gulch—Jefferson	2	all	......	....	......	......
Horsehead Cr.—Bitterroot R.—Ravalli	1	100	2.5	....	......	......
Horseman Cr.—Stillwater R.—Stillwater	1	50	1.2	....	......	......
Horse Prairie Cr.—Beaverhead R.—Beaverh'd	92	†20,018§	500.4	198	§24,151	603.8
Horse Ranch Cr.—Confederate Gulch—B'd'w.	3	†160	4.0	....	......	......
Horse Ranch Cr.—Smith R.—Meagher	1	100	2.5	....	......	......
Horse Shoe Coulee—Martin Lake—Valley	2	†	......	....	......	......
Horse Shoe L.—Woody Island Coulee—Blaine	1	20,000	500.0	....	......	......
Horse Shoe Lake .... Gallatin	2	600	15.0	....	......	......

a—Add one decreed right for all of stream.
b—Add 20,413,174 gallons.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Horse Thief Spring Coulee..........Dawson	1	200	5.0	....	......	......
Horsetied Cr.—Little Muddy Cr.—Sheridan..	4	23,400	585.0	....	......	......
Horton's Cr.—Flint Cr.—Granite............	1	†	......	....	......	......
Hot Springs Cr.—Beaverhead R.—Beaverhead	3	1,220	30.5	....	......	......
Hot Springs Cr.—Grasshopper Cr.—Beaverh'd	5	1,550	38.8	....	......	......
Hot Spring Cr.—Crow Cr.—Broadwater......	25	†2,115§	52.9	....	......	......
Hot Spring Cr.—Prickly Pear Cr.—Jefferson	5	700	17.5	f1	22	0.5
M. F. Hot Spr. Cr.—Hot Spr. Cr.—Jefferson	1	100	2.5	....	......	......
Hot Springs Cr.—Jefferson R.—Madison.....	1	500	12.5	....	......	......
*Hot Springs Cr.—Madison R.—Madison.....	25	†6,120§	153.0	26	755	18.9
Hot Spring Cr.—N. F. Smith R.—Meagher..	1	500	12.5	....	......	......
Hot Springs Cr.—Yellowstone R.—Park... .	1	50	1.2	....	......	......
Hot Spring Cr.—E. F. Bitterroot R.—Ravalli	1	300	7.5	....	......	......
Hough Cr.—W. Boulder—Park	1	50	1.2	....	......	......
Houlston Coulee ....Teton	1	200	5.0	....	......	......
Hound Cr.—Smith R.—Cascade..............	21	12,390§	309.8	....	......	......
E. Hound Cr.—Hound Cr.—Cascade..........	7	2,010§	50.2	....	......	......
M. F. of E. Hound Cr.—E. Hound Cr.—Casc'de	14	2,460§	61.5	....	......	......
N. W. F. of M. F. of E. Hound Cr.—M. F. of E. Hound Cr.—Cascade	1	50	1.2	....	......	......
Right Fk. of M. F. of E. Hound Cr.—M. F. of E. Hound Cr.—Cascade	1	100	2.5	....	......	......
W. F. of M. F. of E. Hound Cr.—M. F. of E. Hound Cr.—Cascade	1	100	2.5	....	......	......
W. Hound Cr.—Hound Cr.—Cascade.........	2	1,150	28.8	....	......	......
N. F. of W. Hound Cr.—W. Hound Cr.—Cas.		See Squaw Creek.				
House Coulee—Missouri R.—Valley	1	200	5.0	....	......	......
Howard Coulee—Big Sandy Cr.—Chouteau..	1	400	10.0	....	......	......
Howard Cr. ....Cascade	1	50	1.2	....	......	......
Howard Cr.—Lake Cr.—Lincoln	2	2,000	50.0	....	......	......
Howard Cr. .... Madison	1	†	......	....	......	......
Howard Cr.—Miller Cr.—Missoula	1	50	1.2	....	......	......
Howard Cr.—Reservation Cr.—Rosebud	1	1,000	25.0	....	......	......
Howard Cr.—Tongue R.—Rosebud	1	1,000	25.0	....	......	......
Howell Cr.—Big Hole R.—Beaverhead	3	1,200	30.0	....	......	......
Howes Cr.—Coffee Cr.—Fergus	1	200	5.0	....	......	......
Hoyt Cr.—McCabe Cr.—Powell	1	200	5.0	....	......	......
Hoyt Cr.—Warren Cr.—Powell	1	200	5.0	1	20	0.5
H. S. Coulee—Redwater Cr.—Dawson-Richland	1	5,184	129.6	....	......	......
H. S. Cr.—Beaver Cr.—Fallon	4	2,300	57.5	....	......	......
H. T. Cr.—Powder R.—Custer	1	1,000	25.0	....	......	......
H. T. Cr.—O'Fallon Cr.—Fallon	2	1,000	25.0	....	......	......
Hubbard Cr.—Blubber Cr.—Lewis & Clark...	1	100	2.5	....	......	......
Hubbard Cr.—Gould Cr.—Lewis & Clark....	1	1,000	25.0	....	......	......
Huckleberry Cr.—B. Blackfoot R.—L. & C...	1	100	2.5	....	......	......
Huff Cr.—Rock Cr.—Lewis & Clark	1	100	2.5	....	......	......
Huffer Cr.—Locke Cr.—Park	1	120	3.0	....	......	......
Hughes Basin—N. F. Big Hole R.—B'head..	1	1,000	25.0	....	......	......
Hughes Cr.—S. F. Bitterroot R.—Ravalli ..	2	1,550	38.8	....	......	......
E. F. Hughes Cr.—Hughes Cr.—Ravalli	5	6,100	152.5	....	......	......
S. F. Hughes Cr.—Hughes Cr.—Ravalli	5	4,800	120.0	....	......	......
S. F. of S. F. Hughes Cr.—S. F. Hughes Cr.—Ravalli	1	500	12.5	....	......	......
Hughes Cr.—Stillwater R.—Stillwater	1	160	4.0	....	......	......
Hugunan Coulee ....Dawson	1	160	4.0	....	......	......
Hulbert Canyon Cr.—Jefferson R.—Madison.	6	† 820	20.5	....	......	......
Hulbert Cr.—Jefferson R.—Madison		See Hulbert Canyon Creek.				
Hulehan Coulee—Dry Lake—Toole	1	†	......	....	......	......
Hultin Gulch—Flat Cr.—Lewis & Clark	1	100	2.5	....	......	......
Humble & Johnson Coulees—Muddy Cr.—Teton	1	600	15.0	....	......	......
Humbolt Cr. ....Custer	1	500	12.5	....	......	......
Humboog Cr.—See Humbug Cr.—Lewis & Clark						
Humbug Cr.—Big Blackfoot R.—Lewis & Clark	8	†994§	24.8	....	......	......
Humbug Cr.—Fish Cr.—Silver Bow	2	200	5.0	....	......	......

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f—Federal decree.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Humbug Gulch—B. Blackfoot R.—Lewis & C.		See Humbug Creek.				
Humes Coulee—Red R.—Teton	2	1,000	25.0	....	......	......
Hump Cr.—Yellowstone R.—Sweetgrass	3	460§	11.5	....	......	......
Humphrey Cr.—Odell Cr.—Beaverhead	1	160	4.0	....	......	......
Hundley Cr. .... Yellowstone	1	160	4.0	....	......	......
Hungry Cr.—Missouri R.—Dawson	4	18,500	462.5	....	......	......
Hungry Hollow—Alder Cr.—Madison		See Hungry Hollow Creek.				
Hungry Hollow Cr.—Alder Cr.—Madison	8	†40	1.0	....	......	......
Hungry Hollow Gulch—Alder Cr.—Madison.		See Hungry Hollow Creek.				
Hungry Hollow Gulch—Trout Cr.—Mineral	1	400	10.0	....	......	......
Hungry Holly Gulch .... Jefferson	1	12	.3	....	......	......
Hunt Coulee—Teton R.—Chouteau	2	320	8.0	....	......	......
Hunt Cr.—Ashley Cr.—Flathead	1	500	12.5	....	......	......
Hunt Cr. .... Yellowstone	1	300	7.5	....	......	......
Huntas Cr.—Wise R.—Beaverhead	1	100	2.5	....	......	......
Hunter Cr. .... Beaverhead	1	500	12.5	....	......	......
Hunter's Cr.—Mission Cr.—Cascade		See Bridge Creek.				
Hunter Cr.—St. John's Cr.—Cascade	1	200	5.0	....	......	......
Hunters Cr.—See Hunter Gulch—Lewis & Clark						
Hunter Cr.—Fisher Cr.—Lincoln	1	240	6.0	....	......	......
Hunter Cr.—Yellowstone R.—Park		See Hunter's Hot Spring Cr.				
Hunters Draw—Little Beaver Cr.—Fallon	2	2,500	62.5	....	......	......
Hunters Gulch—Confederate Gulch—Broadwater	1	50	1.2	....	......	......
Hunter's Gulch Cr.—Magpie Cr.—Broadwater	1	all	......	....	......	......
Hunter Gulch—Beaver Cr.—Lewis & Clark	2	520	13.0	....	......	......
R. F. Hunter Gulch—Hunter Gulch—L. & C.	1	10	.2	....	......	......
Hunters Hot Spr. Cr.—Yellowstone R.—Park	2	†100	2.5	....	......	......
Hunter Lake—Sheep Cr.—Teton	1	200	5.0	....	......	......
Huntley Coulee—Missouri R.—Cascade—Chouteau	10	110,850	2,771.2	....	......	......
Huntley Coulee—Eagle Cr.—Sheridan	1	200	5.0	....	......	......
Huotte Cr.—Jocko R.—Missoula	1	200	5.0	....	......	......
Hurl Coulee—Marias R.—Hill		See Willis Hurl & Trumbull Cl.				
Huron Cr.—Elk Cr.—Fergus	1	40	1.0	....	......	......
Hursey Lake—Clarke Fork—Park	1	3,000	75.0	....	......	......
Hurst Coulee—Castner Coulee—Cascade	1	100	2.5	....	......	......
Hurst Coulee—Dry Fork Marias—Teton	1	100	2.5	....	......	......
Huse Coulee—Willow Cr.—Toole	1	100	2.5	....	......	......
Husen Cr.—Tongue R.—Rosebud	1	300	7.5	....	......	......
Huson Coulee—Louse Cr.—Fergus	2	360	9.0	....	......	......
Hussey Cr.—S. F. Smith R.—Meagher	12	3,950§	98.8	....	......	......
N. F. Hussey Cr.—Hussey Cr.—Meagher		See Hussey Creek.				
W. F. Hussey Cr.—Hussey Cr.—Meagher		See Hussey Creek.				
Hutchins Cr. .... Madison	1	5,000	125.0	....	......	......
Hutton Cr.—Madison R.—Madison	1	200	5.0	....	......	......
Huyser Cr.—Otter Cr.—Sweetgrass	1	500	12.5	....	......	......
Huzzler Cr.—Rock Cr.—Park	....	......	......	1	75	1.9
Hyatt Cr.—Canyon Cr.—Ravalli	1	50	1.2	....	......	......
Hyde Cr.—Box Elder Cr.—Fallon	1	2,000	50.0	....	......	......
Hyde Cr.—Madison R.—Madison	8	†1,480	37.0	....	......	......
Hyde Cr.—Fish Cr.—Mineral	1	500	12.5	....	......	......
Hyora Gulch—Boulder R.—Jefferson		See High Ore Gulch.				
I						
Ice Cr.—Ruby R.—Madison	2	715	17.9	....	......	......
Ice Cr.—N. F. Smith R.—Meagher	2	360	9.0	....	......	......
Ichapar Coulee—Rock Cr.—Valley	4	10,100	252.5	....	......	......
Ichpair Cr. (upper)—Rock Cr.—Valley		See Ichapar Coulee.				
Idaho Cr.—Ruby R.—Madison	6	†3,625	90.6	....	......	......
Idaho Gulch—Ruby R.—Madison		See Idaho Creek.				
Idaho Gulch—Missoula R.—Mineral	1	144	3.6	....	......	......
I. H. L. Gulch .... Deer Lodge	1	all	......	....	......	......
Ihnsen Coulee—Big Sandy Cr.—Chouteau	1	8,000	200,0	....	......	......
Illinois Cr.—See Illinois Gulch—Mineral						
Illinois Gulch—Cedar Cr.—Mineral	3	†1,500	37.5	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Illinois Gulch—L. Blackfoot R.—Powell	3	†100	2.5	....	......	......
Indain Cr.—M. F. Dearborn R.—Lewis & C.	2	420	10.5	....	......	......
Independence Cr.—Yakt R.—Lincoln	2	4,000	100.0	....	......	......
Independence Cr.—Wood Gulch—Meagher ...	2	1,500	37.5	....	......	......
Independence Gulch ....Lewis & Clark	3	†70§	1.8	....	......	......
Independence Gulch—McGinnis Cr.—Powell..	1	100	2.5	....	......	......
Independent Gulch—Rock Cr.—Chouteau	1	50	1.2	....	......	......
Indepent Cr. ....Madison	1	500	12.5	....	......	......
Indian Coulee—Big Muddy Cr.—Sheridan....	1	1,000	25.0	....	......	......
Indian Coulee—Red R.—Teton	1	400	10.0	....	......	......
Indian Cr.—Missouri R.—Broadwater	36	†10,095§	252.4	....	......	......
L. F. Indian Cr.—Indian Cr.—Broadwater..		See Indian Creek.				
R. F. Indian Cr.—Indian Cr.—Broadwater..		See Indian Creek.				
S. F. Indian Cr.—Indian Cr.—Broadwater..	2	†100	2.5	....	......	......
Indian Cr.—Otter Cr.—Custer	1	500	12.5	....	......	......
Indian Cr.—Little Missouri—Fallon	5	2,850§	71.2	....	......	......
S. F. Indian Cr.—Indian Cr.—Fallon........		See Indian Creek.				
Indian Cr.—Russel Cr.—Fallon	1	200	5.0	....	......	......
Indian Cr.—Judith R.—Fergus	14	2,215	55.4	....	......	......
Indian Cr.—Ashley Cr.—Flathead	1	400	10.0	....	......	......
Indian Cr.—Flathead R.—Flathead	2	500	12.5	....	......	......
Indian Cr. ....Gallatin	1	100	2.5	....	......	......
Indian Cr.—Rock Cr.—Granite.............	1	500	12.5	....	......	......
Indian Cr.—Boulder R.—Jefferson	4	1,400	35.0	3	400	10.0
Indian Cr.—Landers Fork—Lewis & Clark..		See Indian Meadow Creek.				
Indian Cr.—Tobacco R.—Lincoln	14	3,920	98.0	....	......	......
Indian Cr.—Madison R.—Madison	17	†83,060	2,076.5	17	6,260	156.5
Indian Cr.—Wisconsin Cr.—Madison	31	†a10,722§	268.0	62	5,390	134.8
Indian Cr.—Eagle Cr.—Meagher	5	1,120	28.0	....	......	......
Indian Cr.—Rock Cr.—Meagher	5	610	15.2	....	......	......
Indian Cr.—Sheep Cr.—Meagher	1	200	5.0	....	......	......
Indian Cr.—16 Mile Cr.—Meagher	3	250	6.2	....	......	......
Indian Cr.—Shields R.—Park	1	160	4.0	....	......	......
Indian Cr.—Nevada Cr.—Powell	4	1,800	45.0	7	435	10.9
Indian Cr.—Rosebud R.—Rosebud	4	440	11.0	....	......	......
Indian Cr.—Pryor Cr.—Yellowstone	2	1,480	37.0	....	......	......
Indian Camp Cr.—M. F. Dearborn R.—Lewis & Clark	1	150	3.8	....	......	......
Indian Meadow Cr.—Lander's Fork—Lewis & Clark	2	2,000	50.0	....	......	......
Inez Cr.—Clearwater R.—Missoula	1	400	10.0	....	......	......
Ingalls Cr. ....Carbon	1	all	......	....	......	......
Ingalls Cr.—Ashley's Cr.—Flathead	1	200	5.0	....	......	......
Ingersoll Cr.—Yellowstone—Park	1	all	......	....	......	......
Ingersoll Cr. ....Carbon	1	150	3.8	....	......	......
Ingersoll Cr. .... Yellowstone	2	260	6.5	....	......	......
Inland Lake—N. F. Hay Cr.—Richland	1	200	5.0	....	......	......
Iowa Gulch ....Jefferson	1	all	......	....	......	......
Iowa Gulch—Silver Cr.—Lewis & Clark	1	†	......	....	......	......
Iron Cr.—Belt Cr.—Cascade	1	500	12.5	....	......	......
Iron Cr.—Lake Cr.—Lincoln	4	11,800	295.0	....	......	......
Iron Cr. ....Madison	2	3,200	80.0	....	......	......
Iron Cr. ....Park	2	†1,000	25.0	....	......	......
Iron Age Gulch—White Cr.—Broadwater ...	3	280	7.0	....	......	......
Iron Daisy Cr. ....Sanders	1	300	7.5	....	......	......
Iron Jaw Draw—Yellowstone R.—Rosebud..	3	1,800	45.0	....	......	......
Iron Mine Cr.—Dog Cr.—Powell	1	75	1.9	....	......	......
Iron Spr. Cr.—Hopley Cr.—Meagher	1	160	4.0	....	......	......
Irvine Cr.—Dayton Cr.—Flathead	2	2,500	62.5	....	......	......
Irvine Cr.—White Clay Cr.—Flathead	14	†800§	20.0	....	......	......
Irvine Cr.—Deer Lodge R.—Powell	3	†50§	1.2	....	......	......
Irvine Lake—Tin Cup Joe Cr.—Powell	1	all	......	....	......	......
Isaac Coulee—Froze to Death Cr.—Rosebud	2	3,000	75.0	....	......	......
Isaac Cr.—See W. F. 6 Mile Cr.—Missoula..						
Isabella Cr.—Highwood Cr.—Chouteau	2	†200	5.0	....	......	......
Ischpair Cr.—Rock Cr.—Valley		See Ichapar Coulee.				
Isintrout Cr.—Yellowstone R................	1	160	4.0	....	......	......

a—Add one filing of 149 acre-feet.

†Add to filings amounts not given.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Itaska Lake—See Lake Itaska—Beaverhead.						
Ivanhoe Gulch—Hot Springs Cr.—Madison	2	†100	2.5	....	......	......
Iverson Gulch—Big Timber Cr.—Sweetgrass	1	100	2.5	....	......	......
Ives & Wagner Coulee—Teton R.—Teton		See Wagner Coulee.				
I. X. L. Cr.—Yogo Cr.—Cascade	1	all	......	....	......	......
I. X. L. Cr.—Silver Bow Cr.—Silver Bow	2	90	2.2	....	......	......
I. X. L. Gulch—Gimlet Gulch—Silver Bow	5	325	8.1	....	......	......
J						
W. F. Jack's Coulee—Jack's Coulee—Blaine	1	200	5.0	....	......	......
Jack Cr.—Red Rock R.—Beaverhead	3	†280	7.0	....	......	......
Jack Cr.—Pumpkin Cr.—Custer	1	1,000	25.0	....	......	......
Jack Cr.—Tongue R.—Custer	1	1,000	25.0	....	......	......
Jack Cr. .... Deer Lodge	2	†500	12.5	....	......	......
Jack Cr.—Little Missouri R.—Fallon	1	500	12.5	....	......	......
Jack's Cr.—Basin Cr.—Jefferson	10.	†3,400	85.0	....	......	......
N. F. Jack's Cr.—Jack's Cr.—Jefferson	1	50	1.2	....	......	......
Jack Cr.—Madison R.—Madison	22	†9,910	247.8	59	4,021	100.5
Jack Cr.—Ruby R.—Madison	3	500	12.5	....	......	......
Jack Cr.—Yellowstone R.—Rosebud	1	500§	12.5	....	......	......
Jackass Cr.—Ruby Cr.—Madison		See Jack Creek.				
Jack Graham Gulch—Muddy Cr.—Teton		See Graham Gulch.				
Jack Harris Cr.—Highwood Cr.—Chouteau	1	120	3.0	....	......	......
Jackies Cr.—Sixteen Mile Cr.—Gallatin	1	200	5.0	....	......	......
Jack Lingle Cr.—Yn. Doodle Cr.—Silver Bow	1	20	0.5	....	......	......
Jack Murphy Cr.—Sage Cr.—Fergus	1	160	4.0	....	......	......
Jack Murphy Gulch .... Jefferson	1	all	......	....	......	......
Jack Shaw's Coulee—Willow Cr.—Toole	1	300	7.5	....	......	......
Jack Smith Gulch—Boulder R.—Jefferson	4	1,500	37.5	....	......	......
Jack Stone Cr.—Stillwater R.—Stillwater	2	600	15.0	....	......	......
E. F. Jack Stone Cr.—Jack Stone Cr.—Stillwater	1	50	1.2	....	......	......
Jackson Coulee—Missouri R.—Chouteau	1	80	2.0	....	......	......
Jackson Coulee—Cottonwood Cr.—Hill	1	200	5.0	....	......	......
Jackson Coulee—Musselshell R.—Dawson	1	400	10.0	....	......	......
Jackson Coulee Cr.—B. Muddy Cr.—Sheridan	1	240	6.0	....	......	......
Jackson Coulee—Missouri R.—Sheridan	1	200	5.0	....	......	......
Jackson Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Jackson Cr.—Lump Gulch—Jefferson	....	......	......	1	F 125	3.1
Jackson Gulch—Judith R.—Fergus	1	100	2.5	....	......	......
Jackson Gulch—Warm Spr. Cr.—Fergus	1	all	......	....	......	......
Jackson Gulch—Prickly Pear Cr.—Jefferson.	14	†1,754§	43.8	1	F 43	1.1
Jacobson Coulee—See E. F. Black Coulee—Blaine						
Jaggers Spr. Cr.—Grasshopper Cr.—B'head	....	......	......	1	160	4.0
Jahnke Gulch Cr.—Big Hole R.—Beaverhead		See Johnke Gulch.				
Jake's Cr.—Powder R.—Custer	1	2,000	50.0	....	......	......
Jake Cr.—Freeze Out Cr.—Powell	1	100	2.5	....	......	......
Jake Cr.—Peterson Cr.—Powell	3	†450§	11.2	5	155	3.9
James Cr. .... Madison	1	†	......	....	......	......
James Gulch—Missouri R.—Lewis & Clark		See Spokane Creek.				
Jay Gould Cr.—Virginia Cr.—Lewis & Clark		See Gould Creek.				
Jeff Davis Gulch—Horse Prairie Cr.—B'head	4	1,050	26.2	....	......	......
Jeff Davis Gulch—Skelly Gulch—Lewis & C.	5	350§	8.8	....	......	......
Jefferson Cr.—See Jefferson Gulch—Powell	..	......	......	....	......	......
Jefferson Gulch—Nevada Cr.—Powell	23	†7,385§	184.6	4	450	11.2
Jefferson Range—Jefferson R.—Broadwater-	1	80	2.0	....	......	......
*Jefferson R.—Missouri R.—Madison-Jefferson-Gallatin-Broadwater	122	†444,726§	11118.2	....	......	......
Jefferson Slough—Jefferson R.—Jefferson	1	1,200	30.0	....	......	......
Jefferson Peak Lake—N. Willow Cr.—Madis'n	1	500	12.5	....	......	......
Jeffries Cr.—S. F. Dearborn R.—Lewis & C.	2	300	7.5	....	......	......
Jenkins Cr.—Powder R.—Custer	1	200	5.0	....	......	......
Jenner's F. Silver Cr.—Silver Cr.—Lewis & C.		Filed Under "S"				
Jensen Cr.—Big Hole R.—Beaverhead	1	300	7.5	....	......	......
Jensen Cr.—Crow Cr.—Custer	1	400	10.0	....	......	......
Jerry Cr.—Big Hole R.—Silver Bow	18	20,430	510.8	....	......	......

F—Federal decree.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
E. F. Jerry Cr.—Jerry Cr.—Silver Bow......	5	4,000	100.0	....	......	......
Left Fork Jerry Cr.—Jerry Cr.—Silver Bow		See Jerry Creek.				
S. Br. Jerry Cr.—Jerry Cr.—Silver Bow.....		See Jerry Creek.				
W. F. Jerry Cr.—Jerry Cr.—Silver Bow......	16	20,800	520.0	....	......	......
S. F. Jerrys Gulch—Silver Cr.—Lewis & C.	1	all	......	....	......	......
Jessamine Cr.—Ruby R.—Madison	1	24	.6			
Jim Cr.—Fish Cr.—Sweetgrass	1	300	7.5	1	150	3.8
Jim Wells Cr. ....Valley	2	1,200	30.0	....	......	......
Jimmie Cr. ....Jefferson	1	800	20.0	....	......	......
Jimmy Cr.—Sheep Cr.—Custer.............	1	500	12.5	....	......	......
Jimmy's Cr.—Trout Cr.—Fergus	1	all	......	....	......	......
Jimmy Cr.—Kootenai R.—Lincoln...........	1	1,000	25.0	....	......	......
Jimmy New Cr.—Jerry Cr.—Silver Bow......	2	800	20.0	....	......	......
J. L. New Cr.—Jerry Cr.—Silver Bow........		See Jimmy New Creek.				
Jo. Bowers Gulch ....Madison	2	†	......	....	......	......
*Jocko R.—Flathead R.—Missoula-Sanders..	20	216,240§	5,406.0	....	......	......
*M. F. Jocko R.—Jocko R.—Missoula........	2	8,000	200.0	....	......	......
*N. F. Jocko R.—Jocko R.—Missoula........	2	32,000	800.0	....	......	......
*S. F. Jocko R.—Jocko R.—Missoula........	2	16,000	400.0	....	......	......
Joes Cr.—Ashley Cr.—Flathead	2	2,324	58.1	....	......	......
Joe Cr.—Sixteen Mile Cr.—Meagher..........	1	50	1.2	....	......	......
Joes Cr.—Missoula R.—Missoula	1	50	1.2	....	......	......
Joe Gulch—Sunrise Cr.—Mineral	2	128	3.2	....	......	......
Joes Lake—Ashley Cr.—Flathead		See Joe's Creek.				
Joe Bowers Cr. ....Jefferson	1	150	3.8	....	......	......
Joe Bush Coulee—Dry Lake—Toole..........	1	200	5.0	....	......	......
Joe Hill Cr.—Stillwater R.—Stillwater.......	5	270§	6.8	....	......	......
Joe Houlle Cr.—Missoula R.—Missoula.......	1	150	3.8	....	......	......
John's Coulee—Red R.—Toole	2	1,600	40.0	....	......	......
John's Coulee—Missouri R.—Valley	1	240	6.0	....	......	......
John Cr.—Tongue R.—Custer	1	100	2.5	....	......	......
John Cr.—Shanley Cr.—Powell	1	150	3.8	....	......	......
John's Gulch ....Jefferson	1	200	5.0	....	......	......
John Brawn Coulee—Beaver Cr.—Valley.....	3	12,400	310.0	....	......	......
John Buker Lake—Big Cr.—Ravalli..........	1	250	6.2	....	......	......
John & Cable Gulch—Crow Cr.—Jefferson...	1	50	1.2	....	......	......
John Day Cr.—Clear Cr.—Jefferson..........	2	550	13.8	....	......	......
John Hen Cr.—Rosebud R.—Rosebud........	1	800	20.0	....	......	......
John Lannen's Cr.—Harvey Cr.—Granite.....	1	all	......	....	......	......
Johnke Gulch—Big Hole R.—Beaverhead....	2	320	8.0	....	......	......
Johnnie Gulch .... Madison	2	500	12.5	....	......	......
Johnny Cr. .... Custer	1	600	15.0	....	......	......
Johnny Cr.—Lolo Cr.—Missoula	1	200	5.0	....	......	......
Johnny's Gulch ....Broadwater	2	250	6.2	....	......	......
Johnson's Coulee—Sand Coulee Cr.—Cascade	1	160	4.0	....	......	......
Johnson Coulee—Pumpkin Cr.—Custer.......	1	1,000	25.0	....	......	......
Johnson Coulee—Coffee Cr.—Fergus	1	400	10.0	....	......	......
Johnson Coulee—Musselshell R.—Rosebud...	1	160	4.0	....	......	......
Johnson Coulee—Yellowstone R.—Rosebud..	1	200	5.0	....	......	......
Johnson Coulee—Dry Fk. Marias R.—Teton	1	400	10.0	....	......	......
Johnson Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
Johnson & Bridge Coulees—Marias R.—Toole	1	200	5.0	....	......	......
Johnson Cr.—N. F. Big Hole R.—Beaverhead	15	a4,970	124.2	....	......	......
Johnsons Cr. ....Cascade	1	200	5.0	....	......	......
Johnson Cr.—Pumpkin Cr.—Custer..........	3	1,480§	37.0	....	......	......
Johnson Cr.—Powder R.—Custer	3	2,800	70.0	....	......	......
Johnson Cr.—Deer Lodge R.—Deer Lodge...	1	100	2.5	....	......	......
Johnson Cr.—Big Spring Cr.—Fergus........	1	all	......	....	......	......
Johnson Cr.—Swan R.—Flathead						
N. F. Johnson Cr.—Johnson Cr.—Flathead..	1	300	7.5	....	......	......
S. F. Johnson Cr.—Johnson Cr.—Flathead...	1	60	1.5	....	......	......
Johnson Cr.—Bison Cr.—Jefferson..........	2	†200	5.0	....	......	......
Johnson Cr.—Rock Cr.—Lewis & Clark......	4	360	9.0	....	......	......
Johnson Cr.—Mill Cr.—Madison............	1	200	5.0	....	......	......
Johnson Cr.—Big Blackfoot R.—Missoula....	5	3,300	82.5	....	......	......
Johnson Cr. ....Ravalli	1	500	12.5	....	......	......
Johnson Cr.—Box Elder Cr.—Sheridan.......	1	600	15.0	....	......	......

a—Add 70 acre-feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Johnson Cr.—Big Hole R.—Silver Bow	3	1,900	47.5	....	......	......
Johnson Gulch—Warm Spr. Cr.—Deer Lodge	1	500	12.5	....	......	......
Johnson Gulch—Hell Gate R.—Missoula	1	200	5.0	....	......	......
Johnson Lake—Mill Cr.—Madison	1	†	......	1	a	......
Johnsons Run—Little Powder R.—Custer	1	500	12.5	....	......	......
Johnston Coulee—Corral Cr.—Hill	1	400	10.0	....	......	......
Johnston Coulee—Yellowstone R.—Rosebud	1	500	12.5	....	......	......
Johnston Cr.—Belt Cr.—Cascade	3	450	11.2	....	......	......
Johnston Cr.—Missoula R.—Mineral	1	400	10.0	....	......	......
Joiner Coulee—Cottonwood Cr.—Hill	1	400	10.0	....	......	......
Joiner Cr.—Mill Cr.—Deer Lodge	1	200	5.0	....	......	......
Joiner Gulch—Deer Lodge R.—Silver Bow	1	400	10.0	....	......	......
Joiners Lake—Rock Coulee—Teton	1	2,000	50.0	....	......	......
Jonathan Gulch—Elk Cr.—Powell	2	†100	2.5	....	......	......
Jones Canyon—Ross Cr.—Gallatin		......	......	1	25	0.6
Jones Coulee—Box Elder Cr.—Blaine	1	80	2.0	....	......	......
Jones Coulee—Milk R.—Blaine	1	240	6.0	....	......	......
Jones Coulee—Dupuyer Cr.—Teton	2	300	7.5	....	......	......
Jones Cr.—Red Rock R.—Beaverhead	1	50	1.2	....	......	......
Jones Cr.—E. Rosebud R.—Carbon	1	all	......	....	......	......
Jones Cr.—Yellowstone R.—Custer	1	1,000	25.0	....	......	......
Jones Cr.—Box Elder Cr.—Fallon	1	400	10.0	....	......	......
Jones Cr.—Fords Cr.—Fergus	1	160	4.0	....	......	......
Jones Cr.—Ross Fork—Fergus	1	500	12.5	....	......	......
Jones Cr.—E. Gallatin R.—Gallatin	1	all	......	....	......	......
Jones Cr. Granite	1	100	2.5	....	......	......
Jones Cr.—Willow Cr.—Musselshell	3	440	11.0	....	......	......
Jones Cr.—Muskrat Cr.—Jefferson	2	†400	10.0	....	......	......
Jones Gulch Cr.—Bison Cr.—Jefferson	3	12,350	308.8	....	......	......
Jones Gulch—Divide Cr.—Silver Bow	1	100	2.5	....	......	......
Jones Lake—Miners Coulee—Toole	1	200	5.0	....	......	......
Jones Reservoir—Big Sandy Cr.—Hill	1	200	5.0	....	......	......
Jones & Ralph Res.—Miners Coulee—Toole	1	100	2.5	....	......	......
Jones Spr. Cr.—E. Gallatin R.—Gallatin	1	800	20.0	....	......	......
Jordan Coulee—Bull Hook Cr.—Hill	1	100	2.5	....	......	......
Jordan Cr.—Madison R.—Madison	6	†1,640	41.0	....	......	......
Jorden Cr.—S. F. Little Joe Cr.—Mineral	1	300	7.5	....	......	......
Joseph Cr.—Trail Cr.—Beaverhead	1	400	10.0	....	......	......
Joseph Robbins Cr. Park	1	250	6.2	....	......	......
Josh Lake—Rattlesnake Cr.—Missoula	2	2,592	64.8	....	......	......
Joslin Cr.—Sand Coulee Cr.—Cascade	1	500	12.5	....	......	......
Judas Flat—Shonkin Cr.—Chouteau	1	120	3.0	....	......	......
*Judith R.—Missouri R.—Fergus	176	†103,488§	2,587.2	....	......	......
M. F. Judith R.—Judith R.—Cascade-Fergus	4	4,600	115.0	....	......	......
Julius Gulch—Big Cr.—Silver Bow	1	120	3.0	....	......	......
Jumping Cr.—Sheep Cr.—Meagher	1	300	7.5	....	......	......
Jump Off Draw—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Junction Cr.—Red Rock R.—Beaverhead	16	7,780§	194.5	....	......	......
Junction Gulch—Poorman Cr.—Lewis & C.	1	500	12.5	....	......	......
K						
Kahle Cr.—Dry Cr.—Park	1	100	2.5	....	......	......
Kaiser Cr.—Flint Cr.—Granite	1	240	6.0	....	......	......
Kaiser Gulch—Nelson Gulch—Lewis & C.	1	25	.6	....	......	......
E. F. Kaiser Gulch—Kaiser Gulch—L. & Clark	1	400	10.0	....	......	......
Kaiser Lake—M. F. Rock Cr.—Granite	2	700	17.5	....	......	......
Kaiser Slough—Little Birch Cr.—Chouteau	1	150	3.8	....	......	......
Kallenberger Coulee—Dry Lake—Toole	2	360	9.0	....	......	......
Kane Coulee—Willow Cr.—Fergus	1	100	2.5	....	......	......
Kansas Cr.—Camas Cr.—Ravalli	2	750	18.8	....	......	......
Karel Coulee—Willow Cr.—Toole	1	2,000	50.0	....	......	......
Karlen Coulee—Miners Coulee—Toole	2	200	5.0	....	......	......
Karney Cr.—Swan R.—Flathead	1	80	2.0	....	......	......
Kate Cr.—Medicine Lodge Cr.—Beaverhead	1	200	5.0	....	......	......
Kavanaugh Cr.—Potter Cr.—Park	3	1,520	38.0	1	40	1.0
Kay Cr.—Shields R.—Park	..	......	......	3	70§	1.8

a—Decree is for storage.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
N. F. Kay Cr.—Kay Cr.—Park	1	80	2.0	....	......	......
Kaywah Cr.—Pumpkin Cr.—Custer	1	520	13.0	....	......	......
Keamans Fork—Chicken Run Gulch—Deer L.	1	all	......	....	......	......
Keans Gulch—Ora Fino Gulch—Lewis & C.		See Keenes Gulch.				
Keaster Cr.—Highwood Cr.—Chouteau	2	†200	5.0	....	......	......
Keating Gulch—Crow Cr.—Broadwater	9	†240§	6.0	....	......	......
Keeler Cr.—Lake Cr.—Lincoln	3	2,240	56.0	....	......	......
N. F. Keeler Cr.—Keeler Cr.—Lincoln	3	2,600	65.0	....	......	......
W. Br. Keeler Cr.—Lincoln	1	1,500	37.5	....	......	......
Keenan Coulee—Red R.—Toole	2	8,000	200.0	....	......	......
Keenan Cr.—Hell Gate R.—Powell	1	200	5.0	....	......	......
Keenan Gulch—Bloody Dick Cr.—Beaverhead	1	45	1.1	....	......	......
Keene's Gulch—Oro Fino Gulch—Lewis & C.	6	†60	1.5	....	......	......
Keep Cool Cr.—California Gulch—Deer Lodge	5	†2,740	68.5	....	......	......
Keep Cool Cr.—Big Blackfoot R.—Lewis & C.	7	†2,600	65.0	....	......	......
Keep Cool Gulch—California Gulch—Deer L.		See Keep Cool Creek.				
Keep Cool Gulch—Thomas Gulch—Meagher	2	100	2.5	....	......	......
Keep Quiet Gulch—French Gulch—Deer L.	2	all	......	....	......	......
Keith Coulee—Missouri R.—Chouteau	1	240	6.0	....	......	......
Keith Coulee—Cottonwood Cr.—Hill	7	2,380	59.5	....	......	......
Keith Coulee—Little Sage Cr.—Hill	1	800	20.0	....	......	......
Keizer Cr.—Yellowstone R.—Stillwater		See Keyser Creek.				
Keller Cr.—Arrow R.—Chouteau	1	80	2.0	....	......	......
Keller Cr.—Half Breed Cr.—Hill	9	1,180	29.5	....	......	......
Kellogg Cr.—Brackett Cr.—Gallatin	1	50	1.2	....	......	......
Kelly Coulee—Missouri R.—Chouteau	1	200	5.0	....	......	......
Kelly Coulee—Teton R.—Teton	2	680	17.0	....	......	......
Kelly Cr.—Birch Cr.—Chouteau	1	120	3.0	....	......	......
Kelly Cr.—Yellowstone R.—Custer	1	100	2.5	....	......	......
Kelly Cr.—E. Gallatin R.—Gallatin	4	1,622	40.6	....	......	......
Kelly Cr.—Canyon Cr.—Lewis & Clark	2	110	2.8	....	......	......
Kelly Gulch .... Broadwater	1	25	.6	....	......	......
Kelly Gulch—Clancy Cr.—Jefferson	3	300	7.5	....	......	......
Kellys Gulch—Canyon Cr.—Lewis & Clark		See Kelly Creek.				
Kelly Gulch .... Ravalli	1	50	1.2	....	......	......
Keltner Cr.—Box Elder Cr.—Fallon	1	2,400	60.0	....	......	......
Kemble Coulee—Half Breed Cr.—Toole	11	2,100	52.5	....	......	......
W. Br.—Kemble Coulee—Kemble Cl.—Toole	1	80	2.0	....	......	......
Kennealy Coulee—Dry Lake—Toole	1	320	8.0	....	......	......
Kennedy Coulee—Teton R.—Cascade	1	1,000	25.0	....	......	......
Kennedy Cr.—E. Hound Cr.—Cascade	1	200	5.0	....	......	......
N. F. Kennedy Cr.—Kennedy Cr.—Missoula	1	300	7.5	....	......	......
S. F. Kennedy Cr.—Kennedy Cr.—Missoula	1	100	2.5	....	......	......
Kennedy Cr.—Sharratt Cr.—Ravalli	1	100	2.5	....	......	......
Kennedy Cr.—Midvale Cr.—Teton	3	1,675	41.9	....	......	......
Kennedy's Lake—Sage Cr.—Hill	1	400	10.0	....	......	......
Kenney Cr.—St. Regis R.—Mineral	1	100	2.5	....	......	......
Kenney Cr.—Duck Cr.—Park	1	320	8.0	....	......	......
Kennie Cr.—Dog Cr.—Powell	1	100	2.5	....	......	......
Kennion Cr.—Bison Cr.—Lewis & Clark		See Canyon Creek.				
Keno Gulch—Elk Cr.—Granite	1	all	......	....	......	......
Kents Coulee—Half Breed Cr.—Toole	4	500	12.5	....	......	......
Kent Coulee—Milk R.—Valley	1	4,000	100.0	....	......	......
Kents Cr.—Prickly Pear Cr.—Jefferson	1	100	2.5	....	......	......
Kent Cr.—Pryor Cr.—Yellowstone	1	50	1.2	....	......	......
Kenus Gulch—Ora Fino Gulch—Lewis & C.		See Keenes Gulch.				
Kepler Cr.—Big Dry Cr.—Dawson	1	300	7.5	....	......	......
Kern Cr.—Currant Cr.—Musselshell	2	740	18.5	....	......	......
Kernans Fork—Elk Cr.—Granite	3	†400	10.0	....	......	......
Kesner Cr.—Rattlesnake Cr.—Missoula	2	152	3.8	....	......	......
Key Coulee—Dead Indian Coulee—Chouteau	1	524	13.1	....	......	......
Key Draw—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Keyser Cr.—Yellowstone R.—Stillwater	13	4,988	124.7	....	......	......
E. F. Keyser Cr.—Keyser Cr.—Stillwater	1	160	4.0	....	......	......
Kicking Horse Cr.—Willow Cr.—Toole	6	1,090	27.2	2	121	3.0
Kicking Horse Lake—Willow Cr.—Toole	1	800	20.0	....	......	......
Kilbrannan Cr.—Yakt R.—Lincoln	1	1,000	25.0	....	......	......
Kilby Coulee—Musselshell R.—Musselshell	1	500	12.5	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Killwoman Cr.—Missouri R.—Valley	1	1,000	25.0	....	......	......
Kimball Cr.—E. F. Armell's Cr.—Rosebud	1	500	12.5	....	......	......
Kimber Cr. Jefferson	1	50	1.2	....	......	......
Kimble Coulee—Half Breed Cr.—Toole		See Kemble Coulee.				
Kimsey Canyon—Battle Cr.—Meagher	1	25	.6	....	......	......
Kimvey Cr.—6 Mile Cr.—Powell	1	†	......	....	......	......
Kinble Coulee—Half Breed Cr.—Toole		See Kemble Coulee.				
King Coulee—Dry Razor Cr.—Musselshell	1	†	......	....	......	......
King Coulee—Big Muddy Cr.—Sheridan	1	5,184	129.6	....	......	......
King Cr.—M. F. Judith R.—Fergus	1	200	5.0	....	......	......
King Cr.—L. Timber Cr.—Sweetgrass	1	100	2.5	....	......	......
King Gulch—Ruby Gulch—Blaine	1	100	2.5	....	......	......
King Gulch—Missoula R.—Mineral	3	894	22.4	....	......	......
King's Gulch—L. Blackfoot River.—Powell	1	120	3.0	....	......	......
Kingsbury Gulch—New York Gulch—Lewis & Clark	3	†140	3.5	....	......	......
Kinley Coulee—Teton R.—Chouteau	3	510	12.8	....	......	......
E. F. Kinley Coulee—Kinley Coulee—Chouteau	1	160	4.0	....	......	......
Kinney Cr.—Sheep Cr.—Meagher	5	1,230	30.8	....	......	......
Kircher Cr.—Yellowstone R.—Custer	1	2,000	50.0	....	......	......
Kirkwood Cr. Gallatin	1	500	12.5	....	......	......
Kirwan Cr.—Tongue R.—Custer	1	1,000	25.0	....	......	......
Kit Carson Cr.—Lowland Cr.—Jefferson	1	300	7.5	....	......	......
N. F. Klamath Cr.—Flint Cr.—Granite		See Frost Creek.				
Klammoth or Hickory Cr.—Flint Cr.—Granite		See Frost Creek.				
S. F. Klammouth Cr.—Flint Cr.—Granite		See Frost Creek.				
Klamouth or Frost Cr.—Flint Cr.—Granite		See Frost Creek.				
Klay Coulee—Dry F. Marias—Teton	1	800	20.0	....	......	......
Kline's Coulee—Sun R.—Cascade	2	400	10.0	....	......	......
N. F. Klingensmith Coulee—Klingensmith Coulee—Teton	1	200	5.0	....	......	......
M. F. of N. F. Klingensmith Coulee—Klingensmith Coulee—Teton	1	120	3.0	....	......	......
S. F. Klingensmith Coulee—Klingensmith Coulee—Teton	1	200	5.0	....	......	......
Klondike Cr. Lewis & Clark	1	80	2.0	....	......	......
Klondike Gulch—Nate's Gulch—Deer Lodge	....	......	......	1	50	1.2
K. Lowry Coulee—Box Elder Cr.—Blaine	1	400	10.0	....	......	......
Knabe Cr.—Quartz Hill Gulch—Beaverhead	2	20	.5	....	......	......
Knapp Cr.—Missouri R.—Cascade		See Napp Creek.				
Knecking Cr.—Bear Cr.—Carbon	2	220	5.5	....	......	......
Knippenberg Spring Cr.—Rochester Cr.—Madison	2	†	......	....	......	......
Knowlton Cr.—Alkali Cr.—Carbon	3	800	20.0	....	......	......
E. F. Knowlton Cr.—Knowlton Cr.—Carbon	1	100	2.5	....	......	......
Knox Cr.—Warm Spring Cr.—Blaine	1	200	5.0	....	......	......
Knox Cr.—Gallatin R.—Gallatin	1	all	......	....	......	......
Koenes Coulee—Dry Fk. Marias R.—Teton	1	200	5.0	....	......	......
Kohnen Coulee—Dry Lake—Toole	1	400	10.0	....	......	......
Kootenai Cr.—Dayton Cr.—Flathead	2	200	5.0	....	......	......
*Kootenai R.—Columbia R.—Lincoln	19	1043.988§	26,099.7	....	......	......
Koplic Coulee Teton	1	1,600	40.0	....	......	......
Koskie Cr.—Sarpy Cr.—Rosebud	1	1,000	25.0	....	......	......
Kreamer Cr.—Flint Cr.—Granite	1	160	4.0	....	......	......
Krohn Cr.—Dearborn R.—Lewis & Clark	2	50	1.2	....	......	......
Kropps Coulee—Muddy Cr.—Teton	2	4,600	115.0	....	......	......
Kropp Cr.—Muddy Cr.—Teton	2	380	9.5	....	......	......
Kruck Coulee—Muddy Cr.—Teton	1	400	10.0	....	......	......
Krug Cr. Dawson	1	1,000	25.0	....	......	......
Kuhr Coulee—Box Elder Cr.—Blaine	2	600	15.0	....	......	......
Kuhr Cr.—Box Elder Cr.—Blaine		See Kuhr Coulee.				
Kun Gulch Cr.—Boulder R.—Jefferson	1	100	2.5	....	......	......
Kyai Coulee—Cottonwood Cr.—Hill	1	100	2.5	....	......	......
Kyns Gulch—Nine Mile Cr.—Missoula		See Cedar Creek.				
Kyuse Gulch Deer Lodge	1	all	......	....	......	......

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
L						
La Belle Cr.—Swim. Woman Cr.—Musselshell	8	1,285	32.1	....	......	......
Labree Cr.—Lebo Cr.—Meagher	1	160	4.0	....	......	......
Lacey Cr.—Shonkin Cr.—Chouteau	1	80	2.0	....	......	......
Lacy Cr.—Wise R.—Beaverhead	3	700	17.5	....	......	......
Lafond Coulee—Milk R.—Valley	1	400	10.0	....	......	......
La Grange Cr.—Pumpkin Cr.—Custer	1	500	12.5	....	......	......
Laherty Cr.—Douglas Cr.—Powell	1	400	10.0	1	60	1.5
Laird Cr.—Sage—Hill	5	1,060	26.5	....	......	......
Laird Cr.—E. F. Bitterroot R.—Ravalli	1	25	.6	....	......	......
Lake Agnes—Big Hole R.—Beaverhead		See Rock Creek (9 W)				
Lake Bailey—Portage Coulee—Cascade		See Bailey Lake.				
Lake Basin Cr.—N. Willow Cr.—Madison	1	150	3.8	....	......	......
Lake Basin Cr.—Basin Cr.—Park	1	800	20.0	....	......	......
Lake Bed Coulee—Rock Cr.—Valley	1	400	10.0	....	......	......
Lake Benton—Missouri R.—Cascade		See Benton Lake.				
Lake Blaine—Flathead R.—Flathead		See Blaine Creek.				
Lake Bowdoin—Milk R.—Valley	1	200§	5.0	....	......	......
Lake Bryan—Bitterroot R.—Ravalli		See Bryan Lake.				
Lake Camas—Bitterroot R.—Ravalli		See Camas Creek.				
Lake & Cold Brook—Clearwater Cr.—Powell	1	751	18.8	....	......	......
Lake Como—Bitterroot R.—Ravalli		See Rock Creek.				
Lake Conlin—Willow Cr.—Toole	2	600	15.0	....	......	......
Lake Coulee .... Chouteau	1	200	5.0	....	......	......
Lake Coulee—Redwater Cr.—Richland	1	2,000	50.0	....	......	......
Lake Coulee—Sun R.—Teton	2	800	20.0	....	......	......
Lake Coulee—Willow Cr.—Teton	1	all	......	....	......	......
Lake Coulee—Dry Lake—Toole	5	3,000	75.0	....	......	......
Lake Coulee—Red R.—Toole	1	200	5.0	....	......	......
Lake Coulee—Willow Cr.—Toole	1	100	2.5	....	......	......
Lake Coulee—Martin Lake—Valley	1	200	5.0	....	......	......
Lake Coulee—Milk R.—Valley	1	1,000	25.0	....	......	......
Lake Cr.—Big Hole R.—Beaverhead	43	21,960	549.0	30	12,100	302.5
S. F. Lake Cr.—Lake Cr.—Beaverhead	2	660	16.5	....	......	......
Lake Cr.—Grasshopper Cr.—Beaverhead	5	2,640	66.0	5	370	9.2
Lake Cr.—Pintler Cr.—Beaverhead	1	300	7.5	....	......	......
Lake Cr.—Benton Lake—Chouteau	7	†1,200§	30.0	....	......	......
N. F. Lake Cr.—Lake Cr.—Chouteau	1	800	20.0	....	......	......
Lake Cr.—Ross Fork—Fergus	4	850	21.2	....	......	......
Lake Cr.—Warm Spr. Cr.—Fergus	2	†100	2.5	....	......	......
Lake Cr.—Flathead Cr.—Gallatin	1	160	4.0	3	200	5.0
Lake Cr.—Cottonwood Cr.—Lewis & Clark	4	†2,280	57.0	....	......	......
*Lake Cr.—Kootenai R.—Lincoln	6	21,550§	538.8	....	......	......
Lake Cr.—W. F. Madison R.—Madison	1	1,000	25.0	....	......	......
Lake Cr.—N. F. Smith R.—Meagher	8	1,430	35.8	....	......	......
Lake Cr.—Big Blackfoot R.—Missoula	1	540	13.5	....	......	......
Lake Cr.—Locke Cr.—Park	2	180	4.5	1	90	2.2
Lake Cr.—Smith Cr.—Park	2	1,700	42.5	....	......	......
Lake Cr.—Deer Lodge R.—Powell	3	360	9.0	....	......	......
Lake Cr.—Clark Fork—Sanders	1	500	12.5	....	......	......
Lake Cr.—Hughes Cr.—Ravalli	4	2,900	72.5	....	......	......
Lake Cr.—Creek Lake—Sheridan	11	†62,740§	1,568.5	....	......	......
E. F. Lake Cr.—Lake Cr.—Sheridan	1	1,200	30.0	....	......	......
N. F. Lake Cr.—Lake Cr.—Sheridan	1	400	10.0	....	......	......
Lake Cr.—Boulder R.—Sweetgrass	4	1,464	36.6	....	......	......
Lake Crown—Warm Spr. Cr.—Deer Lodge	1	2,400	60.0	....	......	......
Lake Everly Outlet—Flathead R.—Flathead	2	1,200	30.0	....	......	......
Lake Fox—Yellowstone R.—Dawson		See Fox Creek.				
Lake Foyle—Warm Spr. Cr.—Deer Lodge	1	1,700	42.5	....	......	......
Lake Gibson Coulee—Teton R.—Teton	1	400	10.0	....	......	......
Lake Gilbert—Red Rock R.—Beaverhead	1	1,000	25.0	....	......	......
Lake Glen—Tobacco R.—Lincoln		See Glen Lake Creek.				
Lake Grove Cr.—Red Lodge Cr.—Carbon	1	100	2.5	....	......	......
Lake Gulch—Cottonwood Cr.—Lewis & Clark		See Lake Creek.				
S. E. Lake Gulch .... Granite	1	150	3.8	....	......	......
Lake Haggin—Big Gulch Cr.—Deer Lodge		See Big Gulch Creek.				

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Lake Harry—Petty Cr.—Missoula	1	all	......	....	......	......
Lake Harvey—Ashley Cr.—Flathead	1	all	......	....	......	......
Lake Hearst—Grays Gulch—Deer Lodge		See Gray's Gulch.				
Lake Hope ....Deer Lodge	1	1,200	30.0	....	......	......
Lake Itaska—Miners' Cr.—Beaverhead......		See Miners Creek.				
Lake John Buker—Big Cr.—Ravalli.........		See John Buker Lake.				
Lake Lost Horse...................Ravalli		See Lost Horse Lake.				
Lake Mason—Willow Cr.—Musselshell		See Willow Creek.				
Lake Rocky.........................Cascade		See Rocky Lake.				
Lake Sopha—Phillips Cr.—Lincoln		See Phillips Creek.				
Lake Spring Cr.—Big Blackfoot R.—Missoula	1	500	12.5	....	......	......
Lake Square Butte—L. Muddy Cr.—Cascade		See Square Butte Lake.				
Lake Surprise—Warm Spr. Cr.—Deer Lodge..	1	700	17.5	....	......	......
Lake Sweeney—Sweeney Cr.—Ravalli		See Sweeney Creek.				
Lake Sweetgrass—Red R.—Toole		See Sweetgrass Lake.				
Lake Talley—S. F. Stillwater R.—Flathead..		See S. F. Stillwater River.				
Lake Trout—Clark's Cr.—Cascade		See Trout Lake.				
Lake View Cr.—Rattlesnake Cr.—Beaverhead	2	950	23.8	....	......	......
Lake View Cr.—Clarke Fork—Park..........	2	4,400	110.0	....	......	......
Lake Windom—S. F. Stillwater—Missoula....		See S. F. Stillwater River.				
Lalonde Gulch—Nine Mile Cr.—Missoula.....	1	200	5.0	....	......	......
N. F. Lamaraux Cr.—Lamaraux Cr.—Sanders	1	200	5.0	....	......	......
La March Cr.—Big Hole R.—Deer Lodge....		See La Marsh Creek.				
La Marsh Cr.—Big Hole R.—Deer Lodge....	5	17,060	426.5	....	......	......
E. F. La Marsh Cr.—La Marsh Cr.—Deer L.	4	1,290	32.2	....	......	......
M. F. La Marsh Cr.—Big Hole R.—Deer L.		See La Marsh Creek.				
La Marsh Cr.—Rock Cr.—Powell	2	800	20.0	....	......	......
Lamb Coulee—Sand Cr.—Chouteau	1	40	1.0	....	......	......
Lamb Coulee—Cottonwood Cr.—Hill	2	24,200	605.0	....	......	......
Lamb Coulee—Flat Cr.—Lewis & Clark......	1	480	12.0	....	......	......
Lamb Cr. ....Custer	1	500	12.5	....	......	......
Lamb Lake—Milk R.—Toole	4	1,200	30.0	....	......	......
Lambert Cr.—Big Hole R.—Madison	1	50	1.2	....	......	......
Lambing Camp Cr.—Horse Cr.—Meagher....	1	160	4.0	....	......	......
Lambing Camp Cr.—Two Calf Cr.—Fergus..	1	500	12.5	....	......	......
Lamb Pen Coulee.................Chouteau	1	160	4.0	....	......	......
Lame Deer Cr.—Rosebud R.—Rosebud......	3	900	22.5	....	......	......
Lame Jones Cr.—O'Fallon Cr.—Fallon......	4	2,000	50.0	....	......	......
La Moose Cr.—Jocko R.—Missoula...........	2	4,000	100.0	....	......	......
Lanark Coulee—Missouri R.—Sheridan.......	2	8,840	221.0	....	......	......
Landers Fork—Big Blackfoot R.—Lewis & C.	6	111,300	2,782.5	....	......	......
Landon's Gulch—Avalanche Gulch—Broadw'r.	1	all	......	....	......	......
Lane Coulee—Cottonwood Cr.—Hill..........	1	24,000	600.0	....	......	......
Lane Cr.—Ashley Cr.—Flathead.............	1	180	4.5	....	......	......
Lang Coulee—Redwater Cr.—Richland.......	1	10,000	250.0	....	......	......
Langs Fork ....Dawson	2	2,000	50.0	....	......	......
Langman Coulee—Milk R.—Toole	1	200	5.0	....	......	......
Lanneau Cr.—Flathead R.—Flathead	1	200	5.0	....	......	......
Lanning's Coulee—Teton R.—Chouteau	1	400	10.0	....	......	......
Lantow Cr.—Post Cr.—Missoula	1	80	2.0	....	......	......
Lapham Cr.—Big Hole R.—Beaverhead......	1	1,200	30.0	....	......	......
Lapham Cr.—Louse Cr.—Fergus	3	550	13.8	....	......	......
Lapine Cr.—Big Spring Cr.—Fergus........	1	all	......	....	......	......
Larance Cr.—Smith Cr.—Lewis & Clark....	1	50	1.2	....	......	......
*Larb Cr.—Beaver Cr.—Valley	9	†89,100§	2,227.5	....	......	......
Larch Cr.—Libby Cr.—Lincoln...............	1	40	1.0	....	......	......
Large Coulee—White Lake—Chouteau.......	2	320	8.0	....	......	......
Largents Coulee—Muddy Cr.—Cascade.......	2	450	11.2	....	......	......
Lark Wilson Coulee—Missouri R.—Sheridan..	1	200	5.0	....	......	......
E. F. Larmash—E. F. La Marsh Cr.—Deer L.		See E. F. La Marsh Creek.				
Larry Cr.—Bitterroot R.—Ravalli...........		See Leary Creek.				
Larsen's Coulee—Half Breed Cr.—Hill.......	3	640	16.0	....	......	......
Larsen Slough—Yellowstone R.—Rosebud...	2	4,000	100.0	....	......	......
Larsh Coulee—Big Muddy Cr.—Sheridan.....	1	320	8.0	....	......	......
Larson Cr.—Sharratt Cr.—Ravalli	1	60	1.5	....	......	......
Lary Cr.—Bitterroot R.—Ravalli		See Leary Creek.				
Last Cr. ....Dawson	1	200	5.0	....	......	......
Last Chance Coulee—Willow Cr.—Toole....	2	880	22.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Last Chance Cr.—Warm Spr. Cr.—Fergus	3	800	20.0	....	......	......
Last Chance Cr.—Ten Mile Cr.—Lewis & C.	17	†212§	5.3	....	......	......
Last Chance Cr.—Lolo Cr.—Missoula	1	100	2.5	....	......	......
Last Chance Cr.—Yellowstone R.—Park	1	75	1.9	2	all	......
Last Chance Gulch—French Gulch—Deer L.	2	†1,000	25.0	....	......	......
Last Chance Gulch—Ten Mile Cr.—Lewis & C.		See Last Chance Creek.				
Last Chance Water Course—Little Powder R.—Custer	1	100	2.5	....	......	......
Laughlin's Cr. .... Sanders	2	600	15.0	....	......	......
Laundre Cr.—Ford Cr.—Lewis & Clark	1	200	5.0	....	......	......
Laura Coulee—Red R.—Toole	1	400	10.0	....	......	......
Laura Cr.—Buttermilk Cr.—Custer	1	200	5.0	....	......	......
Laurance Cr.—Pike Cr.—Fergus	1	500	12.5	....	......	......
Laurel Cr.—Yellowstone R.—Yellowstone	3	1,600	40.0	....	......	......
Lava Cr.—Rosebud R.—Big Horn	1	1,000	25.0	....	......	......
Lava Cr.—N. F. Musselshell R.—Meagher	1	500	12.5	....	......	......
Lavalle Cr.—Missoula R.—Missoula	10	†1,850§	46.2	....	......	......
E. Lavalle Cr.—Lavalle Cr.—Missoula	1	600	15.0	....	......	......
N. Lavalle Cr.—Lavalle Cr.—Missoula	1	800	20.0	....	......	......
Lavell Cr.—Divide Cr.—Silver Bow	1	100	2.5	....	......	......
Lavering Cr.—Powder R.—Custer	1	1,000	25.0	....	......	......
Lawrence Cl.—Dry. Fk. of Marias R.—Teton	4	1,400	35.0	....	......	......
Lawrence Cr.—Pennel Cr.—Fallon	1	500	12.5	....	......	......
Lawry Cr.—Rock Cr.—Granite	2	320	8.0	....	......	......
Lay Cr.—Mizpah Cr.—Custer	1	1,000	25.0	....	......	......
Lay Cr.—Spring Cr.—Custer	3	200	5.0	....	......	......
Lay Cr.—Tongue R.—Custer	1	400	10.0	....	......	......
Layout Cr. .... Carbon	1	200	5.0	....	......	......
Layton Coulee—Cottonwood Cr.—Hill	1	400	10.0	....	......	......
Lazy Man Cr. .... Madison	1	120	3.0	....	......	......
Leach Coulee—Sage Cr.—Hill	1	100	2.5	....	......	......
Leach Gulch—W. Gallatin—Gallatin	2	400	10.0	....	......	......
Leader Coulee—Dry Lake—Toole	2	800	20.0	....	......	......
Lead Gulch—Yogo Gulch—Cascade	3	2,200	55.0	....	......	......
Lead Gulch—Big Blackfoot R.—Powell	1	all	......	....	......	......
Leadstone Cr.—Grasshopper Cr.—Beaverhead	2	470	11.8	2	170	4.2
Leaf Spring Cr.—Tongue R.—Big Horn	5	2,430	60.8	....	......	......
Leany Cr.—Porcupine Cr.—Park		See Lena Creek.				
Leary's Cr.—Bitterroot R.—Ravalli	3	1,410	35.2	4	296	7.4
Lebanon Coulee—Sage Cr.—Hill	1	200	5.0	....	......	......
*Lebo Cr.—American Fork—Sweetgrass-Meagher	18	13,000§	325.0	9	2,172	54.3
N. F. Le Christ Gulch—Le Christ Gulch—Cas.	1	500	12.5	....	......	......
Ledford Cr.—Ruby R.—Madison	..	......	......	16	1,984	49.6
Lee Coulee—Rosebud R.—Rosebud	1	320	8.0	....	......	......
Lee Cr.—McVay Cr.—Beaverhead	1	500	12.5	....	......	......
Lees Cr.—Cherry Cr.—Lincoln		See Leigh Creek.				
Lee Cr.—Mulherin Cr.—Park	2	171§	4.3	....	......	......
Lee Cr.—Hanging Woman Cr.—Rosebud	6	5,700	142.5	....	......	......
Clark Fk. Lee Cr.—Lee Cr.—Rosebud	1	600	15.0	....	......	......
Lee Mountain Cr.—Ten Mile Cr.—Lewis & C.	2	150	3.8	....	......	......
Le Foy Cr. .... Madison	1	600	15.0	....	......	......
Legacy Cr.—E. Boulder Cr.—Sweetgrass	1	2	......	....	......	......
Legal Tender Cr. .... Jefferson	1	12	.3	....	......	......
Leigh Cr.—Cherry Cr.—Lincoln	8	19,806	495.2	....	......	......
Leighton Cr.—Smith R.—Meagher	1	200	5.0	....	......	......
Leitner Cr.—Powder R.—Custer	2	1,000	25.0	....	......	......
Le Moir Coulee .... Valley	1	400	10.0	....	......	......
Lena Cr.—Porcupine Cr.—Park	3	360	9.0	9	570	14.2
M. F. Lena Cr.—Lena Cr.—Park	1	100	2.5	1	80	2.0
N. F. Lena Cr.—Lena Cr.—Park	..	......	......	2	110	2.8
S. F. Lena Cr.—Lena Cr.—Park	5	980	24.5	5	195	4.9
Lenora Coulee—Dry Fk. of Marias—Teton	1	1,000	25.0	....	......	......
Lenz's Coulee—Milk R.—Valley	3	1,050	26.2	....	......	......
Leofield Coulee—Brazil Cr.—Valley	1	400	10.0	....	......	......
Leonard Cr.—S. Meadow Cr.—Madison	3	630	15.8	6	185	4.6
Lepley Cr.—Rocky Gap Cr.—Cascade	7	1,300	32.5	....	......	......
Lepley Cr.—Big Lake—Chouteau	5	940§	23.5	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Leslie Coulee—Willow Cr.—Toole	2	520	13.0	....	......	......
Leslie Cr.—Mizpah Cr.—Custer	1	1,200	30.0	....	......	......
Leslie Cr.—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Leslie Gulch Cr.—Basin Cr.—Silver Bow	3	200	5.0	....	......	......
Letherman Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Leude Cr.—Tie Cr.—Fallon	2	†500	12.5	....	......	......
Le Valle Cr.—Missoula R.—Missoula		See Lavalle Creek.				
Levengood Gulch—Lost Cr.—Deer Lodge	2	115	2.9	1	all	......
Levenski Cr.—W. Gallatin R.—Gallatin	..	......	......	1	30	.8
Levitt Br. Pondera Coulee—Teton		See Pondera Coulee (Trib.)				
Lewinski Cr. Gallatin	1	2,500	62.5	....	......	......
Lewis Coulee—Muddy Cr.—Teton	1	80	2.0	....	......	......
Lewis Cr.—Peoples Cr.—Blaine	2	40	1.0	....	......	......
Lewis Cr.—Powder R.—Custer	1	1,280	32.0	....	......	......
Lewis Cr.—Yellowstone R.—Custer	1	800	20.0	....	......	......
Lewis Cr.—Valley Garden Cr.—Madison	1	80	2.0	....	......	......
Leyman Cr. Beaverhead	1	10,000	250.0	....	......	......
Libby Cr. Chouteau	2	†500	12.5	....	......	......
N. F. Libby Cr.—Libby Cr.—Chouteau	3	1,600	40.0	....	......	......
*Libby Cr.—Kootenai R.—Lincoln	21	†86,080§	2,152.0	....	......	......
Lick Cr.—Logging Cr.—Cascade		See Bennetts Creek.				
Lick Cr.—Bitterroot R.—Ravalli	7	1,850	46.2	5	256	6.4
Lick & Glen Lakes—Tobacco R.—Lincoln		See Therriault Creek.				
Lidenton Cr.—Brazil Cr.—Valley	1	4,000	100.0	....	......	......
Lidstone Cr.—Grasshopper Cr.—Beaverhead	1	250	6.2	....	......	......
Lien Cr. Carbon	1	2,000	50.0	....	......	......
Lightning Cr.—Monture Cr.—Powell	2	2,500	62.5	....	......	......
Lijah's Gulch—See Elijah's Cr.—Ravalli						
Lillie of the West Gulch Jefferson	1	85	2.1	....	......	......
Lilly Cr. Cascade	1	200	5.0	....	......	......
Lilly Cr.—Adair Cr.—Park	1	50	1.2	....	......	......
Lilm Kiln Cr.—See Lime Kiln Cr.—Gallatin						
Lily Cr.—O'Fallon Cr.—Fallon	3	1,200	30.0	....	......	......
Lime Cr.—Fortine Cr.—Lincoln	1	150	3.8	....	......	......
Lime Cr.—Sherman Cr.—Missoula	2	700	17.5	....	......	......
Lime Cr.—See Blodgett Cr.—Ravalli						
Lime Cr.—Bear Cr.—Valley	7	17,440	436.0	....	......	......
Lime Kiln Cr.—Belt Cr.—Cascade	1	50	1.2	....	......	......
Lime Kiln Cr.—E. F. Sd. Coulee Cr.—Cascade	1	80	2.0	....	......	......
Lime Kiln Cr.—Big Spr. Cr.—Fergus	1	200	5.0	....	......	......
Lime Kiln Cr.—Bozeman Cr.—Gallatin	8	†330§	8.2	....	......	......
Lime Kiln Gulch—Warm Spr. Cr.—Dr. Lodge	2	400§	10.0	....	......	......
Lime Kiln Gulch—Rock Cr.—Powell	1	250	6.2	....	......	......
Lime Kiln Gulch—Willow Cr.—Toole	4	500	12.5	....	......	......
Lime Kiln or Lime Stone Gulch—Rattlesnake Cr.—Missoula	2	350	8.8	....	......	......
Lime Kiln Mountain Cr.—S. F. Dearborn R.—Lewis & Clark	1	all	......	....	......	......
Lime Stone Cr.—Little Otter Cr.—Cascade	3	300	7.5	....	......	......
Lime Stone Gulch—Judith R.—Fergus	1	160	4.0	....	......	......
Lincoln Cr.—Flint Cr.—Granite	2	640§	16.0	....	......	......
Lincoln Cr.—16 Mile Cr.—Meagher	2	375	9.4	1	75	1.9
Lincoln Cr.—Divide Cr.—Silver Bow	2	450	11.2	....	......	......
Lincoln Gulch—Big Blackfoot—Lewis & C.	10	†3,500§	87.5	....	......	......
Lincoln Gulch—7 Mile Cr.—Lewis & Clark	2	†100	2.5	....	......	......
Lincoln Slough—Nevada Cr.—Powell	1	75	1.9	....	......	......
Lindsay Cr.—Mizpah Cr.—Custer	1	400	10.0	....	......	......
E. F. Line Cr.—Line Cr.—Carbon	1	400	10.0	....	......	......
N. F. Line Cr.—Line Cr.—Carbon	4	1,140	28.5	....	......	......
Line Cr.—Mizpah Cr.—Custer	3	1,980	49.5	....	......	......
Line Camp Cr.—O'Fallon Cr.—Fallon	2	1,000	25.0	....	......	......
Linn Cr.—Cherry Cr.—Custer	1	300	7.5	....	......	......
Linstra Cr.—Dupuyer Cr.—Teton	1	200	5.0	....	......	......
Lion Cr.—Dry Wolf Cr.—Cascade	2	1,500	37.5	....	......	......
M. F. Lion Cr.—Lion Cr.—Custer	1	1,480	37.0	....	......	......
Lion Cr.—Pipestone Cr.—Jefferson		See Lyon Gulch.				
Lion Cr.—N. F. Musselshell R.—Meagher	1	2,500	62.5	....	......	......
Lion Cr.—Vermillion Cr.—Sanders		See Lyon Creek.				

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Lion Cr.—Big Muddy Cr.—Sheridan	2	480	12.0	....	......	......
Lion Gulch—Flint Cr.—Granite	1	all	......	....	......	......
Lipley Cr.—Rocky Gap Cr.—Cascade		See Lepley Creek.				
Lipter Coulee—Dry Fk. Marias—Teton	1	400	10.0	....	......	......
Liscomb Cr.—Powder R.—Custer	1	1,000	25.0	....	......	......
Liscom Cr.—Tongue R.—Custer	1	3,500	87.5	....	......	......
Lisk Cr.—Redwater Cr.—Dawson	1	200	5.0	....	......	......
List Cr.—Hay Or.—Dawson	1	600	15.0	....	......	......
Little Coulee ... Dawson	1	†	......	....	......	......
Little Coulee—Milk R.—Valley	1	800	20.0	....	......	......
Little Cr.—Red Rock R.—Beaverhead	2	†1,000	25.0	....	......	......
Little Cr.—Cottonwood Cr.—Chouteau	1	200	5.0	....	......	......
Little Cr.—Big Hole R.—Deer Lodge	1	all	......	....	......	......
Little Cr.—Five Mile Cr.—Fallon	1	500	12.5	....	......	......
Little Cr. ... Flathead	1	100	2.5	....	......	......
Little Cr.—Gallatin R.—Gallatin	4	1,000	25.0	1	40	1.0
Little Cr.—Little Prickly Pear—Lewis & C.	2	500	12.5	....	......	......
Little Cr.—Battle Cr.—Meagher	3	560	14.0	....	......	......
Little Cr.—Smith R.—Meagher	1	†	......	....	......	......
Little Cr.—Bitterroot R.—Ravalli		See McKellar Creek.				
Little Cr.—Clark Fork—Sanders	1	100	2.5	....	......	......
Little Cr.—Dry Cr.—Sanders	1	40	1.0	....	......	......
Little Gulch—Rock Cr.—Granite	1	100	2.5	....	......	......
Little Alkali Cr. ... Chouteau	1	500	12.5	....	......	......
Little Alkali Cr.—Willow Cr.—Musselshell	1	200	5.0	....	......	......
Little Antelope Cr.—Antelope Cr.—Madison	2	†200	5.0	....	......	......
Little Antelope Cr.—Roberts Cr.—Meagher	1	100	2.5	....	......	......
Little Badger Cr.—Badger Cr.—Teton	2	1,500	37.5	....	......	......
Little Baldy Cr.—Dry Wolf Cr.—Cascade		See Baldy Creek.				
Little Basin Cr.—Basin Cr.—Beaverhead	5	3,590	89.8	....	......	......
Little Basin Cr.—Clear Cr.—Blaine		See Basin Creek.				
Little Basin Cr.—Duffy Cr.—Silver Bow	2	880	22.0	....	......	......
Little Bean Cr.—Bean Cr.—Blaine	2	1,000	25.0	....	......	......
Little Bear Cr.—Bear Cr.-Fergus	1	300	7.5	....	......	......
Little Bear Cr.—Box Elder Cr.—Fergus	2	500	12.5	....	......	......
Little Bear Cr.—Libby Cr.—Lincoln	1	400	10.0	....	......	......
Little Bear Cr.—Bear Canyon Cr.—Madison	1	500	12.5	....	......	......
Little Bear Cr.—Bear Cr.—Rosebud	2	2,000	50.0	....	......	......
Little Bear Skull—Little Powder R.—Custer	2	1,100	27.5	....	......	......
Little Beaver Cr.—Little Missouri R.—Fallon	26	14,320§	358.0	....	......	......
Big Hill Fk. Little Beaver Cr.—Little Beaver Cr.—Fallon	1	200	5.0	....	......	......
S. Prong Little Beaver Cr.—Little Beaver Cr. Fallon	1	2,000	50.0	....	......	......
W. F. Little Beaver Cr.—Little Beaver Cr.—Fallon	2	1,500	37.5	....	......	......
Little Beaver Cr.—W. F. Rock Cr.—Granite	1	288	7.2	....	......	......
Little Beaver Cr.—Beaver Cr.—Hill	2	80	2.0	....	......	......
Little Beaver Cr.—Beaver Cr.—Meagher	2	160	4.0	....	......	......
N. F. Little Beaver Cr.—Little Beaver Cr.—Meagher		See Little Beaver Creek.				
M. F. Little Beaver Cr.—Little Beaver Cr.—Meagher		See Little Beaver Creek.				
Little Beaver Cr.—Big Beaver Cr.—Sanders	1	500	12.5	....	......	......
Little Beaver Cr.—Willow Cr.—Valley	1	640	16.0	....	......	......
Little Beaver Cr.—Beaver Cr.—Wibaux	1	200	5.0	....	......	......
Little Belt Cr.—Belt Cr.—Cascade	29	6,431§	160.8	....	......	......
R. F. Little Belt Cr.—Little Belt Cr.—Cascade	1	200	5.0	....	......	......
S. F. Little Belt Cr.—Little Belt Cr.—Cascade	1	200	5.0	....	......	......
*Little Big Horn R.—Big Horn R.—Big Horn	13	28,124	703.1	....	......	......
Little Big Timber Cr.—Yellowstone R.—Sweetgrass		See Little Timber Creek.				
Little Birch Cr.—Arrow Cr.—Cascade	1	120	3.0	....	......	......
Little Birch Cr.—Birch Cr.—Chouteau	15	2,228§	55.7	....	......	......
E. Br. Little Birch Cr.—Little Birch Cr.—Chouteau	1	200	5.0	....	......	......
Little Bitter Cr.—Pryor Cr.—Yellowstone	1	100	2.5	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
*Little Bitterroot R.—Flathead R.—Flathead-Sanders	71	†2,250,575§	56,264.4	....	......	......
S. F. Little Bitterroot R.—Little Bitterroot R. Sanders	1	all	......	....	......	......
Little Black Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
*Little Blackfoot R.—Hell Gate R.—Powell	75	†43,003§	1,075.1	....	......	......
E. F. Little Blackfoot R.—L. Blackfoot R.—Powell	9	†7,110	177.8	....	......	......
N. F. Little Blackfoot R.—L. Blackfoot R.—Powell	10	† 6,750	168.8	....	......	......
S. F. Little Blackfoot R.—L. Blackfoot R.—Powell	13	19,900	497.5	....	......	......
E. Br. S. F. L. Blackfoot R.—S. F. L. Blackfoot.—Powell		See S. F. L. Blackfoot R.				
W. Br. S. F. L. Blackfoot R.—S. F. L. Blackfoot—Powell		See S. F. L. Blackfoot R.				
W. F. Little Blackfoot R.—L. Blackfoot R.—Powell	3	4,200	105.0	....	......	......
Little Blacktail Cr.—Blacktail Deer Cr.—Silver Bow	3	1,600	40.0	....	......	......
Little Blacktail Deer Cr.—Blacktail Deer Cr.—Beaverhead	1	1,100	27.5	....	......	......
Little Blood Cr.—Box Elder Cr.—Fergus	1	160	4.0	....	......	......
Little Bottom Cr.—Missouri R.—Gallatin	1	all	......	....	......	......
Little Boulder Cr.—Boulder R.—Jefferson	15	5,724§	143.1	....	......	......
N. F. Little Boulder Cr.—Little Boulder Cr.—Jefferson	6	5,000	125.0	....	......	......
S. F. Little Boulder Cr.—Little Boulder Cr.—Jefferson	1	2,000	50.0	....	......	......
E. F. Little Boulder Cr.—Little Boulder Cr.—Park	1	1,000	25.0	....	......	......
Little Bowers Cr.—L. Powder R.—Custer		See Bowers Creek.				
Little Box Elder Cr.—Bean Cr.—Blaine	1	†	......	....	......	......
Little Box Elder Cr.—Gap Cr.—Blaine	1	†	......	....	......	......
Little Box Elder Cr.—Snake Cr.—Blaine		See Box Elder Creek.				
Little Box Elder Cr.—Box Elder Cr.—Fallon	1	200	5.0	....	......	......
Little Box Elder Cr.—O'Fallon Cr.—Fallon	1	500	12.5	....	......	......
Little Box Elder Cr.—Box Elder Cr.—Fergus	42	†8,725§	218.1	....	......	......
Little Box Elder Cr.—Milk R.—Hill	64	†18,670§	466.8	....	......	......
W. F. Little Box Elder Cr.—Little Box Elder Cr.—Hill	1	100	2.5	....	......	......
Little Bridger Cr.—E. Gallatin R.—Gallatin	2	†60	1.5	....	......	......
Little Buffalo Cr.—Lump Gulch—Jefferson	4	175	4.4	1	F 12	0.3
Little Bull Head Coulee—Marias R.—Teton	4	1,800	45.0	....	......	......
Little Burdett Cr.—Burdett Cr.—Custer	1	1,000	25.0	....	......	......
Little Camas Cr.—Smith R.—Meagher		See Camas Creek.				
Little Camp Cr.—Big Hole R.—Silver Bow		See Camp Creek.				
Little Casino Cr.—Big Spring Cr.—Fergus		See Casino Creek.				
Little Cherry Cr.—Dry Cr.—Silver Bow	1	40§	1.0	....	......	......
Little Cold Springs Cr.—Warm Spr. Cr.—Fergus	1	100	2.5	....	......	......
Little Correll Cr. ....Custer	1	500	12.5	....	......	......
Little Cottonwood Cr.—See Cottonwood Cr.—Broadwater						
Little Cottonwood Cr.—Lepley Cr.—Chouteau	8	1,605§	40.1	....	......	......
Little Cottonwood Cr.—Cottonwood Cr.—Custer	2	15,500	387.5	....	......	......
Little Cottonwood Cr.—Deer Lodge R.—Deer Lodge and Powell		See Dry Cottonwood Creek.				
Little Cottonwood Cr.—Gallatin R.—Gallatin	1	all	......	....	......	......
Little Cottonwood Cr.—White Tail Cr.—Jefferson	2	240	6.0	....	......	......
Little Cottonwood Cr. ....Madison	1	all	......	....	......	......
Little Cottonwood Cr.—Comb Cr.—Meagher	3	810	20.2	....	......	......
L. Cottonwood Cr.—Musselshell R.—Meagher	1	200	5.0	....	......	......
L. Cottonwood Cr.—S. F. Smith R.—Meagher	1	100	2.5	....	......	......
L. Cottonwood Cr.—Cottonwood Cr.—Park	5	3,160	79.0	13	2,060	51.5

F—Federal decree.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Little Cottonwood Cr.—Milk R.—Valley	8	7,720§	193.0	....	......	......
E. F. Little Cottonwood Cr.—Little Cottonwood Cr.—Valley	1	400	10.0	....	......	......
Little Cow Cr.—Cow Cr.—Ravalli	1	80	2.0	....	......	......
Little Coyote Cr.—Coyote Cr.—Beaverhead	4	†500	12.5	....	......	......
Little Deep Cr.—Willow Cr.—Teton	1	160	4.0	....	......	......
Little Deer Cr.—Deer Cr.—Fergus	7	1,100	27.5	....	......	......
Little Deer Cr.—Ashley Cr.—Flathead	2	600	15.0	....	......	......
Little Dog Cr.—Dog Cr.—Fergus	1	4	0.1	....	......	......
Little Dry Coulee—Dry F. Marias R.—Teton	1	200	5.0	....	......	......
Little Dry Cr.—Big Hole R.—Beaverhead	1	160	4.0	....	......	......
Little Dry Cr.—Big Dry Cr.—Dawson	6	†13,380§	334.5	....	......	......
Little Dry Cr.—Swim. Woman Cr.—Fergus	3	250	6.2	....	......	......
Little Dry Cr.—Dry Cr.—Lewis & Clark	1	25	0.6	....	......	......
Little Eagle Cr.—Eagle Cr.—Chouteau	5	700	17.5	....	......	......
Little Elk Cr.—Musselshell R.—Meagher	9	†1,820	45.5	....	......	......
E. F. Little Elk Cr.—Little Elk Cr.—Meagher	1	600	15.0	....	......	......
S. F. Little Elk Cr.—Little Elk Cr.—Meagher	2	210§	5.2	....	......	......
W. F. Little Elk Cr.—L. Elk Cr.—Meagher	8	2,060§	51.5	....	......	......
L. Fish Cr.—Big Blackfoot R.—Powell	4	1,500	37.5	....	......	......
Little Fish Cr.—Fish C.—Silver Bow	2	†150	3.8	....	......	......
Little Gold Cr.—Wise R.—Beaverhead	2	50	1.2	....	......	......
Little Gold Cr.—Boulder Cr.—Granite	11	5,570	139.2	....	......	......
Little Granite Cr.—Hell Gate R.—Missoula	1	40	1.0	....	......	......
Little Hawkey Cr.—Powder R.—Custer	1	2,500	..62.5	....	......	......
Little Hellgate Cr.—Missouri R.—Broadwater	2	†500	12.5	....	......	......
Little Horn Coulee—Beaver Cr.—Valley	2	10,000	250.0	....	......	......
Little Horn Cr.—People's Cr.—Blaine	1	500	12.5	....	......	......
Little Horse Cr.—Horse Cr.—Hill	1	80	2.0	....	......	......
Little Indian Cr.—Shields R.—Park	11	†1,370§	34.2	4	270	6.8
Little Jule Spr. Coulee ....Chouteau	1	120	3.0	....	......	......
Little Lake Cr.—Big Hole R.—Beaverhead	22	6,604	165.1	....	......	......
Little Lake Cr.—Lake Cr.—Beaverhead	6	1,700	42.5	....	......	......
Little Lost Cr.—Stillwater R.—Flathead		See Lost Creek.				
Little Lost Cr.—Lake Cr.—Lincoln	1	144	3.6	....	......	......
Little McClellan Gulch ....Deer Lodge	1	all	......	....	......	......
Little Mantle Coulee—Red River—Toole	1	400	10.0	....	......	......
Little Merrill Cr.—Merrill Spr. Cr.—Musselshell	2	160	4.0	....	......	......
Little Middle Fork ....Missoula	1	1,000	25.0	....	......	......
Little Miller Coulee—Missouri R.—Richland	1	150	3.8	....	......	......
Little Mink Cr.—Oregon Gulch—Mineral	1	1,000	25.0	....	......	......
Little Mission Cr.—Mission Cr.—Park	11	†5,100§	127.5	....	......	......
M. F. Little Mission Cr.—L. Mission Cr.—Park	1	200	5.0	....	......	......
*Little Missouri R.—Missouri R.—Fallon	76	69,920§	1,748.0	....	......	......
Little Moccasin Cr.—Warm Spr. Cr.—Fergus	2	600	15.0	....	......	......
Little Moose Cr.—Moose Cr.—Jefferson	1	500	12.5	....	......	......
Little Muddy Cr.—Missouri R.—Cascade	70	†13,105§	327.6	....	......	......
N. F. Lit. Muddy Cr.—L. Muddy Cr.—Cascade	1	200	5.0	....	......	......
Little Muddy Cr.—Ross Fork—Fergus	1	160	4.0	....	......	......
Little Muddy Cr.—Flathead Cr.—Gallatin-Park	7	1,875	46.9	3	280	7.0
Little Muddy Cr.—See Mud Cr.—Meagher						
Little Muddy Cr.—Missouri R.—Sheridan	11	14,380§	359.5	....	......	......
Little Otter Cr.—Otter Cr.—Cascade	31	4,286§	107.1	....	......	......
S. E. F. Little Otter Cr.—Little Otter Cr.—Cascade	1	22	0.6	....	......	......
Little Otter Cr.—Otter Cr.—Sweetgrass	1	600	15.0	....	......	......
Little Owl Cr.—Owl Cr.—Big Horn	2	435	10.9	....	......	......
Little Peat Cr.—Blacktail Dr. Cr.—B'head		See Alkali Creek.				
Little Pilgrim Cr.—Powder R.—Custer	1	500§	12.5	....	......	......
Little Pine Cr.—Sheep Cr.—Meagher	1	300	7.5	....	......	......
Little Pipestone Cr.—Big Pipestone Cr.—Silver Bow-Jefferson	23	†109,705§	2,742.6	10	A 7,854	196.4
Little Porcupine Cr.—Yellowstone R.—Rosebud	4	5,900§	147.5	....	......	......

A—Also one decree for all unappropriated floodwaters.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
*Little Porcupine Cr.—Missouri R.—Valley..	2	40,000	1,000.0	....	......	......
Little Potut Coulee—Shot Gun Cr.—Sheridan	1	200	5.0	....	......	......
Little Powder R.—Powder R.—Custer	8	26,668§	666.7	....	......	......
E. F. Little Powder R.—Little Powder R.—Custer	9	8,740	218.5	....	......	......
*Little Prickly Pear Cr.—Missouri R.—Lewis & Clark	48	†30,000§	750.0	....	......	......
N. F. Little Prickly Pear Cr.—Little Prickly Pear Cr.—Lewis & Clark	2	450	11.2	....	......	......
S. Br. Little Prickly Pear Cr.—Little Prickly Pear Cr.—Lewis & Clark.........	1	150	3.8	....	......	......
Spring Br. Little Prickly Pear Cr.—Little Prickly Pear Cr.—Lewis & Clark	2	75	1.9	....	......	......
Little Pumpkin Cr.—Pumpkin Cr.—Custer..	5	†2,500	62.5	....	......	......
Little Quartz Cr.—Quartz Cr.—Mineral	1	all	......	....	......	......
Little Ramme Cr.—Ramme Cr.—Fallon	1	500	12.5	....	......	......
Little Rattlesnake Cr.—N. York Gulch—Lewis & Clark	1	50	1.2	....	......	......
Little Roberts Cr.—Roberts Cr.—Meagher .	1	240	6.0	....	......	......
Little Rock Cr.—Ross Fork—Fergus	19	3,550	88.8	....	......	......
Little Rock Cr.—Rock Cr.—Granite	1	250	6.2	....	......	......
Little Rock Cr. .... Madison	1	all	......	....	......	......
Little Rock Cr.—Rock Cr.—Park	1	100	2.5	....	......	......
Little Rock Cr.—Thompson R.—Sanders.....	1	160	4.0	....	......	......
Little Rocky Cr.—Big Hole R.—Beaverhead..	1	500	12.5	....	......	......
Little Rocky Cr.—Rock Cr.—Blaine	2	450	11.2	....	......	......
Little Rocky Cr.—Clark Fork—Carbon.......		See Rock Creek.				
Little Rocky or Lake Cr.—Deer Lodge......		See Pintler Creek.				
Little Rough Cr.—Little Powder R.—Custer..	4	6,600	165.0	....	......	......
Little Run Cr.—Gold Cr.—Granite	1	1,000	25.0	....	......	......
Little Rye Cr.—Rye Cr.—Ravalli	1	225	5.6	....	......	......
Little Sage Cr.—Sage Cr.—Beaverhead......	12	2,620	65.5	....	......	......
Little Sage Cr.—Snake Cr.—Blaine	1	500	12.5	....	......	......
Little Sage Cr.—Dry Lake—Hill	1	400	10.0	....	......	......
Little Sage Cr.—Sage Cr.—Hill	56	†a14,240§	356.0	....	......	......
Little St. Joe Cr.—St. Regis R.—Mineral.....	1	400	10.0	....	......	......
N. F. Little St. Joe Cr.—Little St. Joe Cr.—Mineral	2	2,600	65.0	....	......	......
S. F. Little St. Joe Cr.—Little St. Joe Cr.—Mineral	1	200	5.0	....	......	......
Little Sandy Cr.—Missouri R.—Chouteau....	9	7,710	192.8	....	......	......
W. Br. Little Sandy Cr.—Little Sandy Cr—Chouteau	3	1,200	30.0	....	......	......
Little Sheep Cr.—Red Rock R. (T. 5 W.)—Beaverhead	1	320	8.0	....	......	......
Little Sheep Cr.—Red Rock R.—(T 9 W.)—Beaverhead	25	b41,140§	1,028.5	13	975	24.4
Little Sheep Cr.—L. Prickly Pear Cr.—Lewis and Clark		See Sheep Creek.				
Little Sheep Cr.—Sheep Cr.—Meagher	1	160	4.0	....	......	......
Little Shot Gun Cr.—Shot Gun Cr.—Sheridan	1	3,456	86.4	....	......	......
Little Sleeping Child Cr.—Weeping Child Cr.—Ravalli		See L. Weeping Child Cr.				
Little Snake Cr.—Rattlesnake Cr.—Beaverh'd	1	400	10.0	....	......	......
Little Snake Cr.—Snake Cr.—Blaine.........	3	600	15.0	....	......	......
Little Snake Cr.—Snake Cr.—Valley.........	1	600	15.0	....	......	......
Little Spring Coulee—Marias R.—Toole......	1	400	10.0	....	......	......
E. F. Little Spring Coulee—L. Spring Coulee—Toole	2	160	4.0	....	......	......
W. F. Little Spring Coulee—L. Spring Coules Toole	1	80	2.0	....	......	......
Little Spring Coulee—Cherry Cr.—Valley....	1	4,000	100.0	....	......	......
Little Spring Cr.—Rosebud R.—Big Horn....	1	200	5.0	....	......	......
Little Spring Cr.—Warm Spring Cr.—Fergus	1	100	2.5	....	......	......
Little Spring Cr.—Potter Cr.—Fergus.......	1	100	2.5	....	......	......
Little Spring Cr.—Fisher R.—Lincoln........	1	200	5.0	....	......	......

a—Add one filing for 3.74 gallons.
b—Add a reservoir filing for 5,000,000 cubic feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Little Spring Cr.—Smith R.—Meagher	3	660	16.5	....	......	......
Little Spring Cr.—Tongue R.—Rosebud	2	600	15.0	....	......	......
Little Spring Gulch ....Jefferson	1	all	......	....	......	......
Little Star Spring Cr. ....Madison	1	75	1.9	....	......	......
Little Sucker Cr.—Little Box Elder Cr.—Hill	1	120	3.0	....	......	......
Little Swamp Cr.—Big Hole R. (T. 4 S.)—Beaverhead	1	80	2.0	....	......	......
Little Swamp Cr.—Big Hole R. (T 6 S.)—Beaverhead	4	†6,320	158.0	....	......	......
Little Swamp Cr.—Grasshopper Cr.—Beav'h'd	1	50	1.2	....	......	......
Little Swamp Cr.—Moose Cr.—Beaverhead	11	3,340	83.5	....	......	......
Little Swamp of Steele Cr.—Steele Cr.—Beaverhead	4	300	7.5	....	......	......
Little Teese Cr.—Powder R.—Custer	1	1,000	25.0	....	......	......
Little Tiger Cr.—Wilson Cr.—Jefferson	2	2,000	50.0	....	......	......
Little Timber Cr.—Yellowstone R.—Sw'tgrass	7	2,425	60.6	....	......	......
E. F. Little Timber Cr.—Little Timber Cr.—Sweetgrass	1	300	7.5	....	......	......
N. F. Little Timber Cr.—Little Timber Cr.—Sweetgrass	2	350	8.8	....	......	......
W. F. Little Timber Cr.—Little Timber Cr.—Sweetgrass	3	360	9.0	....	......	......
Little Tin Cup Cr.—Tin Cup Cr.—Ravalli	1	200	5.0	....	......	......
Little Trail Cr.—Trail Cr.—Beaverhead	2	200	5.0	....	......	......
Little Trout Cr.—Trout Cr.—Cascade	1	30	0.8	....	......	......
Little Trout Cr.—Flint Cr.—Granite	2	260	6.5	....	......	......
Little Trout Cr.—N. F. Smith R.—Meagher		See Trout Creek.				
E. F. Little Trout Cr.—Little Trout Cr.—Missoula	1	800	20.0	....	......	......
Little Trout Cr.—Trout Cr.—Sanders	2	†120	3.0	....	......	......
Little Twelve Mile Cr.—St. Regis R.—Mineral	1	3,000	75.0	....	......	......
Little Twin Cr.—Twin Cr.—Mineral	1	100	2.5	....	......	......
Little Warm Spring Cr.—Beaver Cr.—Blaine-Valley	18	4,410	110.2	....	......	......
Little Water Cr.—Red Rock R.—Beaverhead	3	650	16.2	....	......	......
Little Weeping Child Cr.—Weeping Child Cr.—Ravalli	4	600	15.0	....	......	......
Little West Fk. Bitterroot R.—W. F. Bitterroot R.—Ravalli		See W. F. Bitterroot R.				
*Little Whitetail Cr.—Whitetail Cr.—Jeff'son	3	2,000	50.0	....	......	......
Little Whitney Cr.—Whitney Cr.—Custer	1	500	12.5	....	......	......
*Little Willow Cr.—Willow Cr.—Lewis & C.	8	†1,140	28.5	....	......	......
Little Willow Cr.—Willow Cr.—Ravalli	3	290§	7.2	....	......	......
Little Wolf Cr.—Dry Wolf Cr.—Fergus	8	1,870	46.8	....	......	......
Little Youngs Cr.—Youngs Cr.—Big Horn	3	170	4.2	....	......	......
Liverpool Cr.—Stonewall Cr.—Lewis & Clark	2	800	20.0	....	......	......
Livesday Cr.—Madison R.—Madison	1	400	10.0	....	......	......
Living Spring Cr.—Careless Cr.—Meagher	2	200	5.0	....	......	......
Lizzie Cr.—Alice Cr.—Lewis & Clark	3	1,500	37.5	....	......	......
Lloyd Cr.—Flint Cr.—Granite	1	500	12.5	....	......	......
Lloyds Cr. ....Ravalli	1	160	4.0	....	......	......
L. O. Cr.—Mizpah Cr.—Custer	1	500	12.5	....	......	......
Lo Cr.—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Locate Cr.—Powder R.—Custer	1	500	12.5	....	......	......
S. Prong Locate Cr.—Locate Cr.—Custer	1	200	5.0	....	......	......
Locate Draw—L. Missouri R.—Fallon	1	500	12.5	....	......	......
Lock Cr.—Three Bar Cr.—Custer	1	1,000	25.0	....	......	......
Locke Cr.—Yellowstone R.—Park	3	95§	2.4	....	......	......
Lockhart Cr.—Bison Cr.—Jefferson	1	50	1.2	....	......	......
Lockwood Cr.—La Marsh Cr.—Deer Lodge	1	200	5.0	....	......	......
*Lodge Grass Cr.—L. Big Horn R.—Big Horn	9	8,761	219.0	....	......	......
Lodge Pole Cr.—Big Warm Spr. Cr.—Blaine	3	2,280	57.0	....	......	......
E. F. Lodge Pole Cr.—Lodge Pole Cr.—Blaine	1	2,000	50.0	....	......	......
Lodge Pole Cr.—Musselshell R.—Dawson	4	760	19.0	....	......	......
S. F. Lodge Pole Cr.—L'dg Pole Cr.—Dawson	2	2,200	55.0	....	......	......
Lodge Pole Cr.—Limestone Cr.—Stillwater	1	50§	1.2	....	......	......
S. F. Lodge Pole Cr.—L. Pole Cr.—Stillwater	1	150	3.8	....	......	......
Lodges Crevice Gulch—Elk Cr.—Powell	1	100	2.5	....	......	......

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Log Cr. ....Custer	2	1,500	37.5	....	......	......
S. Log Cr.—Log Cr.—Custer	1	500	12.5	....	......	......
Log Gulch—Missouri R.—Lewis & Clark	1	250	6.2	....	......	......
Log Cabin Coulee—Milk R.—Valley	1	200	5.0	....	......	......
Log Coral Cr.—Ash Cr.—Custer	1	800	20.0	....	......	......
Logan Coulee—Teton R.—Teton	1	1,000	25.0	....	......	......
Logan Cr.—Suction Cr.—Blaine	6	1,400	35.0	....	......	......
Logan Cr.—Elk Cr.—Park	2	2,000	50.0	....	......	......
Loge Gulch—Ramme Cr.—Fallon	1	500	12.5	....	......	......
Logger Cr.—Gallatin R.—Gallatin	2	100	2.5	....	......	......
Loggers' Gulch—Storm Lake Cr.—D. Lodge	1	120	3.0	....	......	......
Logging Cr.—Belt Cr.—Cascade	6	2,350	58.8	....	......	......
Logging Cr.—N. F. Lyons Cr.—Lewis & C.	1	100	2.5	....	......	......
Logging Cr.—Tongue R.—Rosebud	2	†100	2.5	....	......	......
Lohman Coulee—Red Rock Coulee—Hill	4	†680	17.0	....	......	......
Loland Cr.—Boulder R.—Jefferson		See Lowland Creek.				
Lolo Cr.—Flathead Lake—Flathead	3	24,120	603.0	....	......	......
Lolo Cr.—Clearwater R.—Missoula-Powell	1	500	12.5	....	......	......
*Lolo Cr.—Bitterroot R.—Missoula	32	31,500§	787.5	....	......	......
L F. Lolo Cr.—Lolo Cr.—Missoula	1	80	2.0	....	......	......
N. W. Fk. Lolo Cr.—Lolo Cr.—Missoula	1	700	17.5	....	......	......
S. F. Lolo Cr.—Lolo Cr.—Missoula	8	6,220§	155.5	....	......	......
Lolo Fk. Cr.—Bitterroot R.—Missoula		See Lolo Creek.				
Lolo Peak Cr.—Lolo Cr.—Missoula	1	500	12.5	....	......	......
Lone Cr.—Red Rock R.—Beaverhead	1	160	4.0	....	......	......
Lone Lake—Red Rock R.—Beaverhead	2	1,140	28.5	....	......	......
Lone Lake—Dupuyer Cr.—Teton	1	100	2.5	....	......	......
Lone Butte Coulee—Sheep Cr.—Valley	1	200	5.0	....	......	......
Lone Cabin Coulee—Muddy Cr.—Teton	1	120	3.0	....	......	......
Lone Cottonwood Tree Cr. ....Chouteau	1	320	8.0	....	......	......
Lone Pine Coulee—Yellowstone R.—Rosebud	2	2,400	60.0	....	......	......
Lonesome Coulee—Muddy Cr.—Teton	1	400	10.0	....	......	......
Lonesome Lake Coulee—Big Sandy Cr.—Chouteau	2	400	10.0	....	......	......
Lone Spr. Cr.—Careless Cr.—Meagher	1	300	7.5	....	......	......
Lone Spr. Cr.—White Beaver Cr.—Stillwater	1	100	2.5	....	......	......
E. F. Lone Tree Coulee—Beaver Cr.—Blaine or Valley	1	60	1.5	....	......	......
Lone Tree Coulee—Milk R.—Blaine	2	3,200	80.0	....	......	......
Lone Tree Coulee—Wayne Cr.—Blaine	4	2,000	50.0	....	......	......
Lone Tree Coulee—Marias R.—Chouteau	1	all	......	....	......	......
E. F. Lone Tree Coulee—Lone Tree Coulee—Chouteau	2	140	3.5	....	......	......
E. F. W. F. Lone Tree Coulee—W. F. Lone Tree Coulee—Chouteau	2	440	11.0	....	......	......
Lone Tree Coulee—Missouri R.—Chouteau	2	1,640	41.0	....	......	......
Lone Tree Coulee ....Fergus	1	160	4.0	....	......	......
Lone Tree Coulee ....Rosebud	1	100	2.5	....	......	......
Lone Tree Coulee—Sheep Cr.—Sheridan	3	800	20.0	....	......	......
Lone Tree Coulee—Shot Gun Cr.—Sheridan	5	†18,280	457.0	....	......	......
Lone Tree Coulee—Cedar Cr.—Stillwater	2	240	6.0	....	......	......
Lone Tree Coulee—Marias R.—Teton	2	3,000	75.0	....	......	......
Lone Tree Coulee—Willow Cr.—Teton	1	20	0.5	....	......	......
Lone Tree Coulee—L. Spr. Coulee—Toole	1	400	10.0	....	......	......
Lone Tree Coulee—Milk R.—Valley	1	200	5.0	....	......	......
Lone Tree Coulee—Square Coulee—Valley	2	432	10.8	....	......	......
Lone Tree Coulee—Whitewater Cr.—Valley.	3	1,120	28.0	....	......	......
Lone Tree Cr.—Whitman Coulee—Big Horn	1	120	3.0	....	......	......
Lone Tree Cr.—Duck Cr.—Broadwater	2	†200	5.0	....	......	......
Lone Tree Cr.—Rock Cr.—Carbon	1	150	3.8	....	......	......
Lone Tree Cr.—Arrow R.—Cascade	8	1,575§	39.4	....	......	......
Lone Tree Cr.—Missouri R.—Cascade	1	†	......	....	......	......
Lone Tree Cr.—Shonkin Cr.—Chouteau	1	80§	2.0	....	......	......
Lone Tree Cr.—Cow Cr.—Custer	1	800	20.0	....	......	......
Lone Tree Cr.—Custer Cr.—Custer	1	400	10.0	....	......	......
N. Lone Tree Cr.—Mizpah Cr.—Custer	1	400	10.0	....	......	......
Lone Tree Cr.—O'Fallon Cr.—Custer	2	1,500	37.5	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Lone Tree Cr.—Powder R. (T 4 S.)—Custer	1	4,000	100.0	....	......	......
Lone Tree Cr.—Powder R. (T 6 S.)—Custer	1	1,200	30.0	....	......	......
Lone Tree Cr.—S. Taylor Cr.—Custer	1	400	10.0	....	......	......
Lone Tree Cr. ....*......Custer	1	500	12.5	....	......	......
Lone Tree Cr.—Box Elder Cr.—Fallon	1	2,000	50.0	....	......	......
Lone Tree Cr.—Fords Cr.—Fergus	1	320	8.0	....	......	......
Lone Tree Cr.—Surprise Cr.—Fergus	1	400	10.0	....	......	......
Lone Tree Cr. ....Gallatin	1	50	1.2	....	......	......
Lone Tree Cr.—Yellowstone R.—Richland	11	†5,620	140.5	....	......	......
Lone Tree Cr.—Big Muddy Cr.—Sheridan	11	14,880	372.0	....	......	......
E. F. Lone Tree Cr.—Lone Tree Cr.—Sheridan	2	1,200	30.0	....	......	......
M. F. Lone Tree Cr.—Lone Tree Cr.—Sheridan	1	400	10.0	....	......	......
W. F. Lone Tree Cr.—Lone Tree Cr.—Sheridan	2	1,200	30.0	....	......	......
Lone Tree Cr.—Cedar Cr.—Stillwater		See Lone Tree Coulee.				
Lone Tree Cr.—Milk R.—Valley	2	20,600	515.0	....	......	......
Lone Tree Draw—Pumpkin Cr.—Custer	1	1,000	25.0	....	......	......
Lone Tree Gulch—Prickly Pear Cr.—Jefferson and Lewis & Clark	5	†1,300	32.5	....	......	......
Lone Tree Gulch—Silver Bow Cr.—Silver B.	4	†206	5.2	....	......	......
Lone Tree Lake Coulee—See Lone Tree Cr.—Valley						
Lone Willow Cr.—Smith R.—Meagher	4	†1,200	30.0	....	......	......
Long Coulee—Arrow Cr.—Cascade	1	all	......	....	......	......
Long Coulee—Missouri R.—Cascade	1	100	2.5	....	......	......
Long Coulee—Highwood Cr.—Chouteau	3	960	24.0	....	......	......
Long Coulee—Teton R.—Chouteau	1	120	3.0	....	......	......
N. Long Coulee—Timber Cr.—Dawson	1	2,000	50.0	....	......	......
Long Coulee—Big Spring Cr.—Fergus	2	600	15.0	....	......	......
Long Coulee—Fords Cr.—Fergus	1	all	......	....	......	......
Long Coulee—Bear Cr.—Hill	2	200	5.0	....	......	......
Long Coulee—Dearborn R.—Lewis & Clark	1	600	15.0	....	......	......
Long Coulee—Flat Cr.—Lewis & Clark	4	1,100§	27.5	....	......	......
Long Coulee—Big Muddy Cr.—Sheridan	1	5,814	145.4	....	......	......
Long Coulee—Shot Gun Cr.—Sheridan	1	5,814	145.4	....	......	......
Long Coulee—Red R.—Teton	1	800	20.0	....	......	......
Long Coulee—Buggy Cr.—Valley	1	500	12.5	....	......	......
Long Coulee—Lime Cr.—Valley	3	9,184	229.6	....	......	......
Long Coulee—Willow Cr.—Valley	1	320	8.0	....	......	......
Long Coulee Reservoir ....Chouteau	1	320	8.0	....	......	......
Long Cr.—Beaverhead R.—Beaverhead	1	160	4.0	....	......	......
Long Cr.—Red Rock R.—Beaverhead	10	†1,660	41.5	....	......	......
Long Cr.—Sage Cr.—Beaverhead	4	760	19.0	....	......	......
Long Cr.—Flathead R.—Flathead	2	5,000	125.0	....	......	......
Long Cr.—L. Blackfoot R.—Powell	2	†400	10.0	....	......	......
Long Draw Cr.—Little Dry Cr.—Dawson	1	432	10.8	....	......	......
Long Draw Cr.—Little Missouri R.—Fallon	1	500	12.5	....	......	......
Long Gulch—L. Prickly Pear Cr.—Lewis & C.		See Fir or Long Gulch.				
Long Gulch (T 12 N.)—Little Prickly Pear Cr.—Lewis & Clark	3	340	8.5	....	......	......
Long Gulch (T 14 N.)—Little Prickly Pear Cr.—Lewis & Clark	2	300	7.5	....	......	......
Long Gulch ....Lewis & Clark	2	125	3.1	....	......	......
Long Lake—Red R.—Teton	1	2,000	50.0	....	......	......
Long Lake—Big Cottonwood Cr.—Valley	1	400	10.0	....	......	......
Long Lake—Willow Cr.—Valley	1	2,000	50.0	....	......	......
Long Spring Cr.—Boulder R.—Jefferson	2	124	3.1	....	......	......
Long Spring Cr.—Sun R.—Lewis & Clark	1	†	......	....	......	......
Longley Lake—Rattlesnake Cr.—Missoula	1	150	3.8	....	......	......
Looking Glass Cr.—Shields R.—Park	5	†535§	13.4	3	170	4.2
S. F. Looking Glass Cr.—Looking Glass Cr.—Park	1	all	......	....	......	......
M. F. S. F. Looking Glass Cr.—S. F. Looking Glass Cr.—Park	1	200	5.0	....	......	......
Lopez Coulee—Snake Cr.—Blaine	2	†600	15.0	....	......	......
Loranger Coulee—Cottonwood Cr.—Hill	1	240	6.0	....	......	......
Lord Coulee—Marias R.—Chouteau	2	16,400	410.0	....	......	......
Lorne Creek—Box Elder Cr.—Fallon	1	2,000	50.0	....	......	......
Lost Brook—Jefferson R.—Gallatin	1	160	4.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Lost Coulee—Sage Cr.—Hill	1	200	5.0	....	......	......
Lost Coulee—Big Muddy Cr.—Sheridan	3	10,528	263.2	....	......	......
Lost Cr.—Big Hole R.—Beaverhead	5	1,160	29.0	....	......	......
Lost Cr.—Red Rock R.—Beaverhead	3	340	8.5	....	......	......
Lost Cr.—Pryor Cr.—Big Horn	1	2,360	59.0	....	......	......
Lost Cr.—Rowe Coulee—Chouteau	1	500	12.5	....	......	......
Lost Cr.—Deer Lodge R.—Deer Lodge	70	†59,006§	1,475.2	41	9,030	225.8
Lost Cr.—Box Elder Cr.—Fallon	1	†	......	....	......	......
Lost Cr.—Stillwater R.—Flathead	13	†6,040§	151.0	....	......	......
M. F. Lost Cr.—Lost Cr.—Flathead	1	400	10.0	....	......	......
Lost Cr.—Trumbull Cr.—Flathead	2	10,000	250.0	....	......	......
Lost Cr.—16 Mile Cr.—Meagher-Gallatin	5	1,100	27.5	....	......	......
Lost Cr.—Lump Gulch—Jefferson		See Jackson Gulch Creek.				
Lost Cr.—Kootenai R.—Lincoln	1	160	4.0	....	......	......
Lost Cr.—Wolf Cr.—Lincoln	1	100	2.5	....	......	......
Lost Cr.—Flat Cr.—Mineral	1	250	6.2	....	......	......
Lost Cr.—Bitterroot R.—Missoula	2	650	16.2	....	......	......
Lost Cr. ...... Missoula	1	300	7.5	....	......	......
Lost Cr.—Yellowstone R.—Park	2	660	16.5	....	......	......
Lost Cr.—Big Blackfoot R.—Powell	1	500	12.5	....	......	......
Lost Cr.—Flathead R.—Sanders	1	all	......	....	......	......
Lost Cr.—Big Lake—Stillwater	2	470§	11.8	....	......	......
Lost Cr.—Blackleaf Cr.—Teton	1	400	10.0	....	......	......
Lost Gulch—Lost Cr.—Mineral	6	5,100	127.5	....	......	......
Lost Lake—Dry Lake—Toole	2	40,280	1,007.0	....	......	......
Lost R.—Spring Coulee—Chouteau	2	200	5.0	....	......	......
Lost Boy Cr.—Yellowstone R.—Big Horn-Yellowstone	4	†200§	5.0	....	......	......
Lost Cabin Cr.—E. Boulder R.—Sweetgrass	1	170	4.2	....	......	......
Lost Cabin Gulch—Boulder R.—Jefferson	2	150	3.8	....	......	......
Lost Cabin Gulch—Gold Cr.—Ravalli	1	250	6.2	....	......	......
Lost Child Cr.—M. F. Poplar R.—Sheridan	1	80	2.0	....	......	......
Lost Corral Cr. ...... Yellowstone	1	2,160	54.0	....	......	......
Lost Fork—Judith R.—Cascade-Fergus	2	2,500	62.5	....	......	......
Lost Fork Cr.—Ross Fork—Fergus	1	200	5.0	....	......	......
Lost Gulch Cr.—Oregon Gulch—Mineral	6	†23,000§	5,750.0	....	......	......
Lost Gulch Lake—Lost Gulch—Mineral	1	2,500	62.5	....	......	......
Lost Horse Cr.—Rock Cr.—Granite	1	200	4.0	....	......	......
*Lost Horse Cr.—Deadman Cr.—Lewis & C.	7	†500§	12.5	....	......	......
Left F. Lost Horse Cr.—Lost Horse Cr.—Lewis & Clark	2	†500	12.5	....	......	......
Lost Horse Cr.—Cottonwood Cr.—Meagher	2	310§	7.2	....	......	......
W. F. Lost Horse Cr.—Lost Horse Cr.—Meagher	2	350	8.8	....	......	......
Lost Horse Cr.—Musselshell R.—Musselshell	1	200	5.0	....	......	......
*Lost Horse Cr.—Bitterroot R.—Ravalli	22	†55,770§	1,394.2	16	31,023	775.6
M. F. Lost Horse Cr.—Lost H. Cr.-Ravalli	3	2,400§	60.0	....	......	......
S. F. Lost Horse Cr.—Lost Horse Cr.—Ravalli	2	2,400	60.0	....	......	......
Lost Horse Gulch—Deadman Cr.—Lewis & C.		See Lost Horse Creek.				
Lost Horse Lake—S. F. L. Horse Cr.—Ravalli	2	8,000	200.0	....	......	......
Lost Lake Coulee—W. Headlight Cr.—Teton	1	800	20.0	....	......	......
Lost Soldier Cr.—Mizpah Cr.—Custer	6	2,900	72.5	....	......	......
Lost Spring Cr.—Sullivan Cr.—Flathead	1	40	1.0	....	......	......
Lost Water Canyon—Sage Cr.—Carbon	1	200	5.0	....	......	......
Louis Cr.—Alice Cr.—Lewis & Clark	1	500	12.5	....	......	......
Louse Cr.—Judith R.—Fergus	26	7,015§	175.4	....	......	......
N. F. Louse Cr.—Louse Cr.—Fergus	1	100	2.5	....	......	......
Lousey Spr. Cr.—Red Rock R.—Beaverhead	3	520	13.0	....	......	......
Lova Cr. ...... Jefferson	1	12	0.3	....	......	......
Lovell Coulee ...... Valley	1	4,000	100.0	....	......	......
Lovell Gulch—Beaverhead R.—Beaverhead	1	all	......	....	......	......
Lovell's Gulch—Camas Cr.—Meagher	1	200	5.0	....	......	......
Low Cr.—Rock Cr.—Granite	1	50	1.2	....	......	......
Lowe Gulch Cr.—Big Hole R.—Beaverhead	2	320	8.0	....	......	......
Lowell Cr.—Duck Cr.—Park	3	340	8.5	1	100	2.5
Lower Antelope Cr.—Antelope Cr.—Madison		See L. Antelope Creek.				
Lower Deer Cr.—Yellowstone R.—Sweetgrass	13	†2,670§	66.8	18	1,128	28.2

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Lower Douglas Cr.—Frost Cr.—Granite	1	150	3.8	....	......	......
Lower Fifth Coulee—Missouri R.—Valley	2	3,000	75.0	....	......	......
Lower Fish Cr.—Jefferson R.—Jefferson		See Fish Creek.				
Lower Greenland Creek—Greenland Cr.—Silver Bow		See Greenland Creek.				
Lower Lake—Ashley Cr.—Flathead	1	500	12.5	....	......	......
Lower 7 Mile—Yellowstone R.—Dawson	6	1,010	25.2	....	......	......
Lower Stillwater Lake—Stillwater R.—Flathead		See Stillwater River.				
Lower Twin Cr.—Wisconsin Cr.—Madison	1	400	10.0	....	......	......
Lower Twin Cr.—Twin Cr.—Mineral	1	200	5.0	....	......	......
Lower Twin Lake—Prickly Pear Cr.—Jefferson	5	11,000	275.0	....	......	......
Lower Willow Cr.—Hell Gate R.—Granite	1	all	......	....	......	......
Lowland Cr.—Boulder R.—Jefferson	18	†7,715§	197.9	....	A	......
Lozeau Cr.—Missoula R.—Missoula	1	1,000	25.0	....	......	......
L. S. Coulee—Musselshell R.—Dawson	2	1,500	37.5	....	......	......
Luce Coulee—Pondera Coulee—Teton	1	200	5.0	....	......	......
Luce Cr.—Powder R.—Custer	1	300	7.5	....	......	......
Luce Cr. Gallatin	2	all	......	....	......	......
Lucky Coulee—Dry Lake—Toole	1	200	5.0	....	......	......
Lucky Cr.—Prickly Pear Cr.—Jefferson	1	50	1.2	....	......	......
Lucky Bill Cr.—Sheafman Cr.—Ravalli	1	50	1.2	....	......	......
Lucus Gulch—Peterson Cr.—Powell	1	200	5.0	....	......	......
Lucy Cr.—Fish Cr.—Sweetgrass	1	100	2.5	....	......	......
Luke Coulee—Snake Cr.—Blaine	1	800	20.0	....	......	......
Luke Coulee—Musselshell R.—Dawson	1	20	0.5	....	......	......
Luke's Lake Chouteau	1	40	1.0	....	......	......
Lukins Coulee Teton	1	400	10.0	....	......	......
Lukins Lake—Red Rr.—Teton	1	200	5.0	....	......	......
*Lump Gulch—Prickly Pear Cr.—Jefferson	34	†8,530§	213.2	5	F 498	12.4
N. F. Lump Gulch—Lump Gulch—Jefferson	4	900	22.5	....	......	......
S. F. Lump Gulch—Lump Gulch—Jefferson	3	1,150§	28.8	....	......	......
Lump Jaw Coulee—Beaver Cr.—Valley	2	10,000	250.0	....	......	......
Lund Coulee—Dry Lake—Toole	1	300	7.5	....	......	......
Lund Coulee—Lime Cr.—Valley	1	4,000	100.0	....	......	......
Luthe Cr.—Cedar Cr.—Stillwater		See Luther Creek.				
Luther Coulee—Muddy Cr.—Fergus	1	100	2.5	....	......	......
Luther Cr.—Cedar Cr.—Stillwater	2	300	7.5	....	......	......
Lutherson Coulee—Yellowstone R.—Rosebud	2	400	10.0	....	......	......
Luthye Cr.—Willow Cr.—Granite	1	100	2.5	....	......	......
Lyle Coulee—Muddy Cr.—Teton	1	600	15.0	....	......	......
Lyman Cr.—Bridger Cr.—Gallatin	32	†5,170	129.2	1	100	2.5
Lynch Coulee—Dry Lake—Toole	1	500	12.5	....	......	......
Lynch Cr. (and Fks)—Clark Fork—Sanders	42	†8,287§	207.2	....	......	......
Lyons Coulee—Deep Cr.—Teton	3	†800	20.0	....	......	......
Lyon Coulee—Marias R.—Toole	1	240	6.0	....	......	......
Lyons Cr.—Dry Wolf Cr.—Cascade		See Lion Gulch.				
Lyon Cr.—Pipestone Cr.—Jefferson		See Lyon Gulch.				
Lyons Cr.—Little P. Pear Cr.—Lewis & Clark	13	†8,050	201.2	....	......	......
N. F. Lyons Cr.—Lyons Cr.—Lewis & Clark	1	500	12.5	....	......	......
S. F. Lyons Cr.—Lyons Cr.—Lewis & Clark	5	1,750	43.8	....	......	......
Lyon Cr.—Vermillion Cr.—Sanders	2	3,700	92.5	....	......	......
Lyon's Fork—Flint Cr.—Granite	1	all	......	....	......	......
Lyons Gulch—Hell Gate R.—Granite	1	80	2.0	....	......	......
Lyon Gulch—Pipestone Cr.—Jefferson	6	†1,262	31.6	....	......	......
N. F. Lyon Gulch—Lyon Gulch—Jefferson	1	all	......	....	......	......
Lyon Hollow Cr.—Bassette Cr.—Park	2	320	8.0	....	......	......
M						
Mc. A. Dow Cr.—Yellowstone R.—Park	1	all	......	....	......	......
Mc. Bride Cr.—Missouri R.—Sheridan	2	1,000	25.0	....	......	......
McCabe Cr.—Monture Cr.—Powell	3	1,060	26.5	....	......	......
McCalla Cr.—See McKellar Cr.—Ravalli						
McCallum Coulee—Dry Lake—Toole	3	900	22.5	....	......	......

F—Federal decree.
A—Decree included with Boulder River.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
McCanley Gulch ... Jefferson	1	100	2.5	....	......	......
McCarthy Cr.—Lone Tree Cr.—Cascade		See McCarty Creek.				
McCarthy Cr.—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
McCarthy Cr.—Big Hole R.—Madison	4	†210	5.2	....	......	......
McCartney Cr.—N. F. Flatwillow Cr.—Fergus	1	200§	5.0	....	......	......
McCarty Cr.—Lone Tree Cr.—Cascade	5	650	16.2	....	......	......
McCarty Cr.—Flint Cr.—Granite	1	200	5.0	....	......	......
McCarty Cr.—Little Boulder R.—Jefferson	1	100	2.5	2	†100	2.5
McCatter Cr.—Nevada Cr.—Powell	1	320	8.0	....	......	......
McClain Cr.—Cunniff Cr.—Lewis & Clark	2	256	6.2	....	......	......
McClains Cr.—Bitterroot R.—Missoula	2	†100	2.5	....	......	......
McCleery Gulch—Silver Bow Cr.—Silver Bow	3	320	8.0	....	......	......
McClellan Coulee—Crow Coulee—Chouteau	1	all	......	....	......	......
McClellan Cr.—Prickly Pear Cr.—Jefferson	32	†20,930	523.2	3	f685	17.1
E. McClellan Gulch—Poorman Cr.—Lewis & C.	2	†	......	....	......	......
McClure Cr.—Jocko R.—Missoula	1	80	2.0	....	......	......
McClure Gulch—Warm Spring Cr.—Fergus	1	75	1.9	....	......	......
McCollum Cr.—Bird Cr.—Cascade	1	100	2.5	....	......	......
McConkey Cr.—Yellowstone Cr.—Rosebud		See Muggins Creek.				
McCormack Coulee—Peoples Cr.—Blaine		See McCormick Creek.				
McCormack Coulee—Teton R.—Teton	2	660	16.2	....	......	......
McCormick Coulee—Peoples Cr.—Blaine	2	540	13.5	....	......	......
McCormick Cr.—Robert Cr.—Beaverhead	1	240	6.0	....	......	......
McCormick's Cr.—Nine Mile Cr.—Missoula	5	†2,400	60.0	....	......	......
McCormick's Gulch—9 Mile Cr.—Missoula		See McCormick's Creek.				
McCotter Gulch ... Deer Lodge	1	250	6.2	....	......	......
McCoy Coulee (or Cr.)—Big Muddy Cr.—Val.	2	2,328	58.2	....	......	......
McCoy Cr.—Bitterroot R.—Ravalli	1	400	10.0	....	......	......
McCracken Gulch ... Jefferson	2	†50	1.2	....	......	......
McCrackeran Cr.—See Macackrin Cr.—Valley						
McCrea Coulee—Box Elder Cr.—Fergus	1	200	5.0	....	......	......
McDaniel Cr.—Miners Coulee—Toole	4	360	9.0	....	......	......
McDeed Cr.—Berger Cr.—Madison	2	370	9.2	....	......	......
McDermott Cr.—Willow Cr.—Granite	2	800	20.0	....	......	......
MacDonald Coulee—Pondera Coulee—Teton	1	2,000	50.0	....	......	......
McDonald Cr.—Steele Cr.—Chouteau	1	650	16.2	....	......	......
McDonald Cr.—Box Elder Cr.—Fergus	78	23,482§	587.0	....	......	......
M. F. McDonald Cr.—McDonald Cr.—Fergus		See McDonald Creek.				
N. F. McDonald Cr.—McDonald Cr.—Fergus	26	6,140§	153.5	....	......	......
S. F. McDonald Cr.—McDonald Cr.—Fergus	17	4,995	123.6	....	......	......
W. F. McDonald Cr.—McDonald Cr.—Fergus	1	150	3.8	....	......	......
McDonald Cr.—M. F. Flathead R.—Flathead	5	32,000	800.0	....	......	......
McDonald Cr.—Flathead Cr.—Gallatin	1	200	5.0	1	40	1.0
McDonald Cr.—Libby Cr.—Lincoln	1	2,000	50.0	....	......	......
McDonald Cr.—Elbow Cr.—Park	1	100	2.5	....	......	......
McDonald Cr.—Dog Cr.—Powell	6	2,420	60.5	....	......	......
McDonald Cr.—Monture Cr.—Powell	1	500	12.5	....	......	......
McDonald Cr.—Yellowstone R.—Rosebud	1	2,000	50.0	....	......	......
McDonald Cr.—Teton R.—Teton	1	800	20.0	....	......	......
McDonald Cr.—N. Miners Coulee—Toole	3	880	22.0	....	......	......
McDonough Cr.—Flat Cr.—Lewis & Clark	1	100	2.5	....	......	......
McElwain Cr.—Nevada Cr.—Powell	2	400	10.0	11	895	22.4
McFarland Cr.—Quartz Cr.—Mineral	3	6,200	155.0	....	......	......
McFarlane Coulee—Bull Hook Cr.—Hill	1	400	10.0	....	......	......
McGarr Cr.—Hughes Cr.—Ravalli	1	200	5.0	....	......	......
McGeady Coulee ... Valley	1	120	3.0	....	......	......
McGee Cr.—Fleshman Cr.—Park	1	200	5.0	....	......	......
McGerry Cr.—Big Timber Cr.—Sweetgrass	1	†50	1.2	1	20	0.5
McGinley Gulch ... Jefferson	1	100	2.5	....	......	......
McGinnis Coulee—Marias R.—Toole	1	400	10.0	....	......	......
McGinnis Cr.—Dog Cr.—Powell	4	†150	3.8	....	......	......
Left Fk. McGinnis Cr.—McGinnis Cr.—Powell		See McGinnis Creek.				
McGinnis Cr.—Little Thompson R.—Sanders.	1	600	15.0	....	......	......
McGinty Cr.—Missoula R.—Mineral		See McGinty Gulch.				
McGinty Gulch—Missoula R.—Mineral	3	700	17.5	....	......	......
McGovern Cr. ... Madison	1	1,000	25.0	....	......	......
McGowan Reservoir—Willow Cr.—Toole	1	160	4.0	....	......	......

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f—Federal decree.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
McGraw Coulee—Yellowstone R.—Rosebud..	1	200	5.0	....	......	......
McGiffins Coulee—Sand Coulee Cr.—Cascade.	21	2,165§	54.1	....	......	......
McGrail Coulee—Hound Cr.—Cascade........	1	160	4.0	....	......	......
McGroarty Lake................Deer Lodge		See Twin Lakes Creek.				
McGuire Cr.—Big Dry Cr.—Dawson.........	6	3,900	97.5	....	......	......
McGuire Cr.—N. F. Willow Cr.—Lewis & C.	1	200	5.0	....	......	......
McGuyer Cr.—Libby Cr.—Lincoln...........	1	400	10.0	....	......	......
McGwire's G'lch—Missouri R.—Lewis & Clark	2	†50	1.2	....	......	......
McHale Coulee—Marias R.—Toole	1	400	10.0	....	......	......
McHale Cr.—S. Miners Coulee—Toole........	1	200	5.0	....	......	......
McHesser Cr.—Beaverhead R.—Madison.....	3	†140	3.5	....	......	......
McIntosh Cr.—Red Rock R.—Beaverhead....	2	600	15.0	....	......	......
McIntyre Coulee—Box Elder Cr.—Hill.......	1	800	20.0	....	......	......
McIntyre Cr.—Trapper Cr.—Beaverhead.....	1	25	0.6	....	......	......
McIvers Cr.—Sun R.—Cascade	1	200	5.0	....	......	......
McKay Cr.—Moon Cr.—Custer	1	300	7.5	....	......	......
McKay's Gulch—Carpenter Gulch—Powell...	2	†100	2.5	....	......	......
McKee Cr.—3 Mile Cr.—Powell	2	275	6.9	....	......	......
McKellar Cr.—Bitterroot R.—Ravalli	7	†780§	19.5	14	795	19.9
McKellop Cr.—Fisher Cr.—Lincoln	1	200	5.0	....	......	......
McKenzie Coulee—Sage Cr.—Hill............	1	a	......	....	......	......
McKenzie Cr.—Yellowstone R.—Yellowstone	2	150	3.8	....	......	......
McKenzie Slough—Yellowstone R.—Y'l'wst'ne	1	200	5.0	....	......	......
McKeon Cr.—Bean Cr.—Blaine	1	100	2.5	....	......	......
McKeown Slough...................Jefferson	1	100	2.5	....	......	......
McKinley Lake—Rattlesnake Cr.—Missoula		See Rattlesnake Creek.				
McKinnie Coulee—Black Coulee—Blaine	1	200	5.0	....	......	......
McKnight Gulch—Harvey Cr.—Granite......						
McLaggart North Coulee—Dry Fk. Marias R. —Teton	1	50	1.2	....	......	......
McLaggart South Coulee—Dry Fk. Marias R.	1	80	2.0	....	......	......
—Teton	1	80	2.0	....	......	......
McLaughlin Cr.—Little Beaver Cr.—Fallon..	1	300	7.5	....	......	......
McLaughlin Cr.—Combpest Cr.—Sanders	1	400	10.0	....	......	......
McLaughlin Cr.—Miners Coulee—Toole......	7	1,220	30.5	....	......	......
McLean Coulee—Musselshell R.—Musselshell		See McLeon Creek.				
McLellan Cr.—Prickly Pear Cr.—Jefferson..		See McClellan Creek.				
McLeod Lake—Rattlesnake Cr.—Missoula....		See Rattlesnake Creek.				
McLeon Coulee—Musselshell R.—Musselshell	2	600	15.0	....	......	......
McLusk Coulee—Missouri R.—Chouteau.....	1	all	......	....	......	......
McMahon Gulch ....Jefferson	1	all	......	....	......	......
McMannes Gulch—Elk Cr.—Powell		See McMann's Gulch.				
McMannis Gulch—Elk Cr.—Powell		See McMann's Gulch.				
McMann's Gulch—Elk Cr.—Powell	6	†40	1.0	....	......	......
McMillan Coulee—Big Otter Cr.—Cascade..	2	350	8.8	....	......	......
McMillan Cr.—Libby Cr.—Lincoln	2	300	7.5	....	......	......
McMillan Gulch—Yellowstone R.—Custer....	1	500	12.5	....	......	......
McMullins Cr.—Smith R.—Cascade	3	1,140	28.5	....	......	......
McNab Cr.—Larb Cr.—Valley	2	1,600	40.0	....	......	......
M. F. McNab Cr.—McNab Cr.—Valley........	1	600	15.0	....	......	......
N. F. McNab Cr.—McNab Cr.—Valley........	1	600	15.0	....	......	......
McNeil Cr.—Belt Cr.—Cascade	1	50	1.2	....	......	......
McRea Coulee—Dry Lake—Toole	3	1,200	30.0	....	......	......
W. F. McRea Coulee—McRea Coulee—Toole.	1	200	5.0	....	......	......
Mac Rae Gulch—Mill Cr.—Ravalli..........	1	†	......	....	......	......
M. F. MacRae Gulch—MacRae Gulch—Ravalli	1	all	......	....	......	......
McSweeney Cr.—Dry Lake—Toole	1	200	5.0	....	......	......
McVay Cr.—Lebo Cr.—Meagher	1	100	2.5	....	......	......
Macackrin Cr.—Rock Cr.—Valley	2	600	15.0	....	......	......
Mackay Coulee—Muddy Cr.—Teton	1	800	20.0	....	......	......
Mack Cr.—Rock Cr.—Granite	1	1,000	25.0	....	......	......
Mack Cr.—Hayes Cr.—Missoula	1	40	1.0	....	......	......
Macks Coulee—Musselshell R.—Fergus	1	300	7.5	....	......	......
Macks Cr.—Yellowstone R.—Custer	1	2,500	62.5	....	......	......
Macky Coulee—Missouri R.—Chouteau	1	all	......	....	......	......
Macray Coulee—Dry Lake—Toole		See McRae Coulee.				
Macree Coulee—Dry Lake—Toole		See McRae Coulee.				

a—262 acre feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Maddox Cr.—Bean Cr.—Blaine	3	600	15.0	....	......	......
Maddux Cr. ....Blaine		See Maddox Creek.				
Maden Gulch ....Fergus	1	all	......	....	......	......
Madison Cr.—S. F. Smith R.—Meagher	1	100	2.5	....	......	......
Madison Cr. ....Missoula	1	200	5.0	....	......	......
Madison Cr. ....Powell		See Madison Gulch.				
Madison Gulch—Nevada Cr.—Powell	5	780	19.5	1	80	2.0
W. Madison R.—Madison R.—Beaverhead		See W. F. Madison R.				
*Madison R.—Missouri R.—Gallatin-Madison	152	†4608031§	115200.8	....	......	......
N. F. Madison R.—Madison R.—Gallatin	2	5,160	129.0	....	......	......
S. F. Madison R.—Madison R.—Gallatin	2	60§	1.5	....	......	......
W. F. Madison R. ....Beaverhead-Madison	13	30,740	768.5	....	......	......
Madsen Coulee—Little Dry Cr.—Dawson	1	100	2.5	....	......	......
Magee Slough—Missoula R.—Missoula	1	100	2.5	....	......	......
Maggie Cr.—Pumpkin Cr.—Custer	1	1,000	25.0	....	......	......
Maginn Coulee—Muddy Cr.—Teton	1	640	16.0	....	......	......
Maginnis Cr.—Maiden Cr.—Fergus	1	12	0.3	....	......	......
E. F. Maginnis Cr.—Maginnis Cr.—Fergus	1	80	2.0	....	......	......
W. F. Maginnis Cr.—Maginnis Cr.—Fergus	1	100	2.5	....	......	......
Maginnis Cr or Gulch—Dog Cr.—Powell		See McGinnis Creek.				
Magnet Cr.—Grasshopper Cr.—Beaverhead	5	†4,100	102.5	2	85	2.1
Magnite Cr.—Grasshopper Cr.—Beaverhead		See Magnet Creek.				
Magnum Reservoir—Sage Cr.—Hill	3	1,800	45.0	....	......	......
Magpie Cr. ....Deer Lodge	1	200	5.0	....	......	......
Magpie Cr.—N. Willow Cr.—Madison	3	280	7.0	....	......	......
Magpie Cr.—Little Bitterroot R.—Sanders	3	8,160	204.0	....	......	......
Magpie Gulch—Missouri R.—Lewis & Clark	8	†850	21.2	....	......	......
Magpie Gulch—N. Willow Cr.—Madison		See Magpie Creek.				
Maguire Cr.—Middle Cr.—Gallatin	3	§120	3.0	....	......	......
Mahlum Cr.—Little Missouri R.—Fallon	1	1,000	25.0	....	......	......
Mahoney Coulee—Missouri R.—Cascade	1	320	8.0	....	......	......
Mahoney Cr.—Rosebud R.—Rosebud	1	300	7.5	....	......	......
Maiden Cr.—Horse Prairie Cr.—Beaverhead	19	3,880	97.0	8	649	16.2
Maiden Cr.—Ford's Cr.—Fergus	6	1,450	36.2	....	......	......
Maiden Cr.—Warm Spr. Cr.—Fergus	4	400	10.0	....	......	......
Maiden Gulch—Ford's Cr.—Fergus		See Maiden Creek.				
Maiden's Own Cr.—Carless Cr.—Musselshell	1	100	2.5	....	......	......
Mail Box Cr.—O'Fallon Cr.—Fallon	1	500	12.5	....	......	......
Mailoux Cr.—Grasshopper Cr.—Beaverhead	1	1,500	37.5	....	......	......
Main Gold Cr.—B. Blackfoot R.—Missoula		See Gold Creek.				
Main Horn Coulee—Missouri R.—Cascade		See Horn Coulee.				
Maline Cr. ....Park	1	10	0.2	....	......	......
Maltz Coulee—Miner Coulee—Toole	1	100	2.5	....	......	......
Mallons Fk. Cow Cr.—Cow Cr.—Blaine		See Cow Creek.				
Mammoth Cr.—Big Hole R.—Beaverhead	1	50	1.2	....	......	......
S. F. Mammoth Cr.—Mammoth Gulch—S. Bow		See Mammoth Gulch.				
W. F. Mammoth Cr.—Mammoth Gulch—Silver Bow		See Mammoth Gulch.				
Mammoth Gulch—Fish Cr.—Silver Bow	3	2,500	62.5	....	......	......
Manger Cr.—Checkerboard Cr.—Meagher	1	60	1.2	....	......	......
Mann Coulee—Clear Cr.—Blaine	1	120	3.0	....	......	......
Mann Cr.—N. F. Whitewater Cr.—Valley	3	2,390	59.8	....	......	......
Manphires Gulch ....Jefferson	1	all	......	....	......	......
Mansfield Coulee—Red R.—Toole	1	1,000	25.0	....	......	......
Mansfield Cr.—Davis Cr.—Fergus-Cascade	10	1,750	43.8	....	......	......
Mantles Coulee—Red R.—Toole	2	400	10.0	....	......	......
Maple Cr.—N. F. Madison R.—Gallatin	1	360	9.0	....	......	......
Maple Cr.—McClain Cr.—Missoula	3	350	8.8.	....	......	......
Marble Cr.—E. Gallatin R.—Gallatin	1	50	1.2	....	......	......
Marco Cr.—Dry Cr.—Mineral	2	800	20.0	....	......	......
Margaret Cr.—Box Elder Cr.—Fallon	1	280	7.0	....	......	......
*Marias R.—Missouri R.—Teton-Toole-Hill and Chouteau	106	†64,355§	1,608.9	....	......	......
*Dry Fk. of Marias R.—Marias R.—Teton	60	70.100§	1,752.5	....	......	......
M. F. Dry Fk. of Marias—Dry Fork of Marias—Teton	6	2,600	65.0	....	......	......
N. F. Dry Fk. of Marias—Dry Fk. of Marias—Teton	6	3,500	87.5	....	......	......

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
S. F. Dry Fk. of Marias—Dry Fk. of Marias—Teton	9	2,145	53.6	....	......	......
Mariette Coulee—Dry Lake Bed—Hill	1	40	1.0	....	......	......
Marion Coulee—Peoples Cr.—Blaine	1	600	15.0	....	......	......
Marion Coulee—Big Otter Cr.—Cascade	2	500	12.5	....	......	......
Marion Coulee—Dry Lake—Toole	1	200	5.0	....	......	......
Marion Cr.—Nine Mile Cr.—Missoula	5	2,400	60.0	....	......	......
E. F. Marion Cr.—Marion Cr.—Missoula	1	500	12.5	....	......	......
Marion Gulch—Cedar Cr.—Mineral	3	300	7.5	....	......	......
Mariott Cr.—Crow Cr.—Jefferson	1	15	0.4	....	......	......
Markle Cr.—Little Bitterroot R.—Sanders	1	40,000	1,000.0	....	......	......
Marran Cr.—9 Mile Cr.—Missoula		See Marion Creek.				
*Marsh Cr.—Little Prickly Pear Cr.—L. & C.	14	†7,530§	188.2	....	......	......
Left Fork Marsh Cr.—Marsh Cr.—Lewis & C.		See N. F. Marsh Creek.				
N. F. Marsh Cr.—Marsh Cr.—Lewis & Clark	3	800	20.0	....	......	......
Marsh Cr.—Crow Cr.—Missoula	2	24,000	600.0	....	......	......
Marsh Cr.—Elk Cr.—Powell	1	250	6.2	....	......	......
Marsh Cr.—Brown's Gulch—Silver Bow	2	†250	6.2	....	......	......
Marsh Lake—N. Willow Cr.—Madison	1	†	......	....	......	......
Marshall Cr. Beaverhead	1	250	6.2	....	......	......
Marshall Cr.—Flint Cr.—Granite	8	†790§	19.8	....	......	......
S. F. Marshall Cr.—Marshall Cr.—Granite	1	640	16.0	....	......	......
Marshall Cr.—Missoula R.—Missoula	5	†720§	18.0	....	......	......
Marshall Cr.—Clearwater Cr.—Powell	1	150	3.8	....	......	......
Marshall Cr.—Stillwater R.—Stillwater	1	25	0.6	....	......	......
Martin Coulee Cascade	1	3§	0.1	....	......	......
Martin Coulee—Sand Cr.—Richland	1	1,080	27.0	....	......	......
Martin Coulee—Zimmerman coulee—Teton		See Zimmerman Coulee.				
Martin Coulee—Dry Lake—Toole	2	300	7.5	....	......	......
Martin Coulee—Cherry Cr.—Valley	1	240	6.0	....	......	......
Martin Coulee—Martin Lake—Valley	1	800	20.0	....	......	......
Martin Coulee—Milk R.—Valley	4	21,200	530.0	....	......	......
Martin Cr.—Davis Cr.—Fergus		See Gerard Creek.				
Martin Cr.—Davis Cr.—Cascade-Fergus	22	5,055§	126.4	....	......	......
N. Br. Martin Cr.—Martin Cr.—Cascade	1	8	0.2	....	......	......
Martins Cr.—Lepley Cr.—Chouteau	4	460	11.5	....	......	......
Martin Cr.—Fourteen Mile—Mineral	1	2,000	50.0	....	......	......
Martin Cr.—Missoula R.—Missoula	4	†2,160	54.0	....	......	......
Martin Cr.—Clark Fork. Colum.—Sanders	3	†400§	10.0	....	......	......
E. F. Martin Cr.—Martin Cr.—Sanders	1	200	5.0	....	......	......
Martin Cr.—Rock Cr.—Sanders	1	160	4.0	....	......	......
Martin Cr.—Boulder R.—Sweetgrass	1	100	2.5	....	......	......
Martin Lake Coulee—Martin Lake—Valley	2	†	......	....	......	......
Martin Lieke Coulee—Snake Cr.—Blaine	1	200	5.0	....	......	......
Martine Cr. Cascade		See Martin Creek.				
Marver Coulee—Willow Cr.—Toole	1	120	3.0	....	......	......
Marxer Spring Cr. Cascade	2	20	0.5	....	......	......
Mary Cr.—Finley Cr.—Missoula	1	50	1.2	....	......	......
Mary's Gulch—Brown's Gulch—Silver Bow	1	256	6.2	....	......	......
Maryott Cr.—Gallatin R.—Gallatin	1	50	1.2	....	......	......
Mason Cr.—Grasshopper Cr.—Beaverhead	2	300	7.5	....	......	......
Mason Cr.—Powder R.—Custer	1	500	12.5	....	......	......
Mason Cr.—Sweeney Cr.—Ravalli	1	80	2.0	....	......	......
Mason Lake—Willow Cr.—Musselshell		See Lake Mason.				
Masts Canyon—Beaverhead R.—Beaverhead.	1	100	2.5	....	......	......
Mather's Lake Madison	1	1,000	25.0	....	......	......
Mathews Coulee—Snake Cr.—Blaine	1	500	12.5	....	......	......
Matts Cr.—Peoples Cr.—Blaine	1	160	4.0	....	......	......
Matt Cr.—Powder R.—Custer	1	500	12.5	....	......	......
Mattie V. Cr.—Nine Mile Cr.—Missoula	3	1,050	26.2	....	......	......
Mattison Gulch—Prickly Pear Cr.—Jefferson	1	200	5.0	....	......	......
Mauer Cr.—Red Rock R.—Beaverhead	3	†320	8.0	....	......	......
Maupin Cr.—Mill Cr.—Jefferson	3	†600	15.0	....	......	......
Maurice Cr.—Wise R.—Beaverhead	5	300	7.5	....	......	......
Maurice Lake—Rattlesnake Cr.—Beaverhead	2	4.032	100.8	....	......	......
Maverick Coulee—Willow Cr.—Toole	1	400	10.0	....	......	......
Maxwell Cr.—O'Fallon Cr.—Fallon	1	500	12.5	....	......	......
May's Coulee—Bull Hook Cr.—Hill	1	120	3.0	....	......	......

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Mayflower Gulch .... Madison	1	400	10.0	....	......	......
Mayn Cr.—S. F. Smith R.—Meagher	2	180§	,4.5	....	......	......
N. F. Mayn Cr.—Mayn Cr.—Meagher	1	200	5.0	....	......	......
Mayo Cr.—St. Regis R.—Mineral	1	50	1.2	....	......	......
Meade Cr.—Little Blackfoot R.—Powell	4	520	13.0	....	......	......
Meader Gulch—Yankee Doodle Gulch—S. Bow	1	all	......	....	......	......
Meadow Coulee—Cow Cr.—Blaine	2	800	20.0	....	......	......
Meadow Cr.—Big Hole R.—Beaverhead	11	2,480	62.0	....	......	......
Meadow Cr.—S. F. Big Hole R.—Beaverhead	1	300	7.5	....	......	......
Meadow Cr.—Big Sheep Cr.—Beaverhead	2	360	9.0	....	......	......
Meadow Cr.—Johnson Cr.—Beaverhead	1	80	2.0	....	......	......
Meadow Cr.—E. Hound Cr.—Cascade	1	500	12.5	....	......	......
Meadow Cr.—Sheep Cr.—Custer	1	100	2.5	....	......	......
Meadow Cr.—Dog Cr.—Fergus	1	all	......	....	......	......
Meadow Cr.—Ross Fork—Fergus	13	2,050§	51.2	....	......	......
Meadow Cr.—Warm Spr. Cr.—Fergus	4	566	14.2	....	......	......
Meadow Cr.—Wolf Cr.—Fergus	3	690	17.2	....	......	......
Meadow Cr. .... Flathead	1	200	5.0	....	......	......
Meadow Cr.—Flathead Lake—Flathead	4	†4,200	105.0	....	......	......
Meadow Cr.—Flathead R.—Flathead	1	160	4.0	....	......	......
Meadow Cr.—E. Gallatin R.—Gallatin	2	200	5.0	....	......	......
Meadow Cr.—E. F. Rock Cr.—Granite	6	4,190	104.8	....	......	......
S. F. Meadow Cr.—Meadow Cr.—Granite	1	1,000	25.0	....	......	......
Meadow Cr.—Tobacco R.—Lincoln	2	†200§	5.0	....	......	......
Meadow Cr.—Madison R.—Madison	38	†33,100§	827.5	....	......	......
N. Meadow Cr.—Meadow Cr.—Madison	25	†10,950	273.8	73	8,895	222.4
S. Meadow Cr.—Meadow Cr.—Madison	18	†8,710	217.8	79	4,395	109.9
Meadow Cr.—Camas Cr.—Meagher	4	620	15.5	....	......	......
Meadow Cr.—Sixteen Mile Cr.—Gallatin-Meagher	6	950§	23.8	....	......	......
M. F. Meadow Cr.—Meadow Cr.—Meagher	1	60	1.2	....	......	......
W. F. Meadow Cr.—Meadow Cr.—Meagher	1	160	4.0	....	......	......
Meadow Cr.—Missoula R.—Mineral	6	1,902	47.6	....	......	......
N. B. Meadow Cr.—Meadow Cr.—Mineral	1	800	20.0	....	......	......
Meadow Cr.—Smith Cr.—Park	1	100	2.5	3	545	13.6
Meadow Cr.—Big Blackfoot R.—Powell	5	1,200	30.0	....	......	......
Meadow Cr.—Cariboo Gulch—Powell	3	†400	10.0	....	......	......
Meadow Cr.—Little Blackfoot R.—Powell	6	†3,450	86.2	....	......	......
Meadow Cr.—Brown's Gulch—Silver Bow		See Meadow Gulch.				
Meadow Cr. .... Yellowstone	2	400	10.0	....	......	......
Meadow Cr.—Trail Cr.—Toole	1	100	2.5	....	......	......
Meadow Gulch—Brown's Gulch—Silver Bow	7	440	11.0	....	......	......
Meadow Lake—S. Meadow Cr.—Madison	10	7,400	185.0	....	......	......
Meadow Run—Peoples Cr.—Blaine	1	40	1.0	....	......	......
Meagher Gulch—Little Prickly Pear Cr.—Lewis & Clark	3	230	5.8	....	......	......
Meagher Lake—W. Boulder R.—Park	1	500	12.5	....	......	......
Mechanic's Gulch—Carpenter Gulch—Powell.	1	†	......	....	......	......
Medicine Cr.—E. F. Bitterroot R.—Ravalli	1	100	2.5	....	......	......
Medicine Lake—Shot Gun Cr.—Sheridan	1	240	6.0	....	......	......
Medicine Lodge—Beaverhead R.—Beaverhead		See Medicine Lodge Creek.				
Medicine Bow Cr.—Otter Cr.—Sweetgrass	7	1,900	47.5	....	......	......
Medicine Lodge Cr.—Beaverhead R.—Beav'h'd.	27	†22,555§	563.9	35	5,371§	134.3
Medicine Rock Coulee—Marias R.—Toole	3	1,400	35.0	....	......	......
Medicine Rock Cr.—Little Prickly Pear Cr.—Lewis & Clark	2	100§	2.5	....	......	......
Meehan Cr. .... Custer	1	960	24.0	....	......	......
Meeker Cr.—Flathead Cr.—Gallatin	1	100	2.5	....	......	......
Meginty Cr.—Missoula R.—Mineral		See McGinty Gulch.				
Melnorn Gulch .... Powell	2	†200	5.0	....	......	......
Melkown Gulch—Maginnis Gulch—Powell	1	100	2.5	....	......	......
Mell Gulch—Upper Deer Cr.—Sweetgrass	1	200	5.0	....	......	......
Mendenhall Cr.—Yellowstone R.—Sweetgrass-Park	4	504§	12.6	....	......	......
Mengon Cr.—Flathead R.—Flathead	1	200	5.0	....	......	......
Mensells Coulee—Red R.—Toole	1	200	5.0	....	......	......
Meodo Cr.—Dog Cr.—Powell	1	†	......	....	......	......
Meredith Cr. .... Custer	1	300	7.5	....	......	......

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Mericota Cr.—Pryor Cr.—Big Horn	1	200	5.0	....	......	......
Merrill Cr.—Cottonwood Cr.—Chouteau	6	1,500	37.5	....	......	......
E. F. Merrill Cr.—Merrill Cr.—Chouteau	1	300	7.5	....	......	......
W. F. Merrill Cr.—Merrill Cr.—Chouteau	1	300	7.5	....	......	......
Merrill Cr.—Currant Cr.—Musselshell	8	1,460§	36.5	....	......	......
W. Br. Merrill Cr.—Merrill Cr.—Musselshell	1	100	2.5	....	......	......
Merrills Cr.—Poplar R.—Sheridan	1	4,000	100.0	....	......	......
Merrill Springs Cr.—Currant Cr.—Musselshell		See Merrill Creek.				
Merritt Springs Cr.—Currant Cr.—Musselshell		See Merrill Creek.				
Messenger Coulee—Judith R.—Fergus	2	540	13.5	....	......	......
Mexican Cr.—Powder R.—Custer	1	1,000	25.0	....	......	......
Mexican John Cr.—Musselshell R.—Meagher	3	360	9.0	3	720	18.0
Meyers Cr.—Powder R.—Custer	1	2,000	50.0	....	......	......
Meyers Cr.—Lodge Pole Cr.—Stillwater	1	40	1.0	....	......	......
Michael Cr.—Flathead R.—Sanders	3	†8,000	200.0	....	......	......
S. F. Michael Cr.—Michael Cr.—Sanders	1	200	5.0	....	......	......
Michael Day Cr.—Battle Cr.—Meagher		See Mike Day Creek.				
Michels Cr.—Boulder R.—Sweetgrass	1	100	2.5	....	......	......
W. F. Middle Coulee—Marias R.—Chouteau	1	200	5.0	....	......	......
Middle Coulee—Pondera Coulee—Chouteau	1	600	15.0	....	......	......
Middle Coulee—Ford Cr.—Fergus	1	all	......	....	......	......
Middle Coulee—Big Sandy Cr.—Hill	2	300	7.5	....	......	......
Middle Coulee—Big Muddy Cr.—Sheridan	1	5,184	129.6	....	......	......
Middle Coulee—Shot Gun Cr.—Sheridan	1	†	......	....	......	......
Middle Coulee—Dry Fork Marias R.—Teton	1	1,000	25.0	....	......	......
Middle Coulee—Sun R.—Teton	1	200	5.0	....	......	......
Middle Coulee—S. F. Duck Cr.—Valley	1	200	5.0	....	......	......
Middle Coulee—First Cr.—Valley	1	200	5.0	....	......	......
Middle Coulee—Milk R.—Valley	2	5,456	136.4	....	......	......
Middle Cr.—West Cr.—Beaverhead	4	1,360	34.0	....	......	......
Middle Cr. and forks—E. Hound Cr.—Cascade		See M. F. E. Hound Creek.				
Middle Cr.—S. Shonkin Cr.—Chouteau	2	550	13.8	....	......	......
Middle Cr.—Powder R.—Custer	2	3,800	95.0	....	......	......
Middle Cr. (R. 7 E.)—E. Gallatin R.—Gallatin	11	8,917	222.9	....	......	......
*Middle Cr. (R. 5 E.)—E. Gallatin R.—Galla-	78	†79,135§	1,978.4	87	8,300	207.5
Middle Cr.—Boulder R.—Jefferson	3	1,250	31.5	....	......	......
Middle Cr.—Trout Cr.—Mineral	1	288	7.2	....	......	......
Middle Cr.—Billman Cr.—Park	5	†480	12.0	....	......	......
Middle Cr.—Cedar Cr.—Stillwater	9	3,170	79.2	....	......	......
Middle Cr.—Upper Deer Cr.—Sweetgrass	1	200	5.0	....	......	......
Middle Cr.—Willow Cr.—Teton	1	280	7.0	....	......	......
Middle Cr. ....Valley	4	4,800	120.0	....	......	......
Middle Fork—Pipestone Cr.—Jefferson	1	50	1.2	....	......	......
Middle Gulch—Butte Gulch—Silver Bow	1	all	......	....	......	......
Middle Hill Cr.—Nevada Cr.—Powell	1	140	3.5	....	......	......
Midnight Cr.—Stillwater R.—Carbon	1	160	4.0	....	......	......
Midvale Cr.—Two Medicine Cr.—Teton	1	800	20.0	....	......	......
Mike Cr.—Gallatin R.—Gallatin	3	300	7.5	1	40	1.0
Mike's Cr.—Mission Cr.—Missoula	1	800	20.0	....	......	.....
Mike's Cr.—Petty Cr.—Missoula	1	100	2.5	....	......	......
Mike Day Cr.—Battle Cr.—Meagher	7	1,645	41.1	....	......	......
Mike Reinig Cr.—Little Blackfoot R.—Powell	12	14,625	365.6	....	......	......
Left Fk. Mike Reinig Cr.—Mike Reinig Cr.—Powell		See Mike Reinig Creek.				
Mike Renick Cr.—Little Blackfoot R.—Powell		See Mike Reinig Creek.				
Mike Siree Coulee—Ford Cr.—Cascade	1	100	2.5	....	......	......
Mile Coulee—Thirty Mile Cr.—Blaine	1	500	12.5	....	......	......
Mile Coulee—Big Cottonwood Cr.—Valley	1	500	12.5	....	......	......
Miles Cr.—Snake Cr.—Blaine	3	680	17.0	....	......	......
Miles Cr.—Tongue R.—Custer	1	200	5.0	....	......	......
Mile Cr.—Yellowstone R.—Custer	1	1,500	37.5	....	......	......
Mile Cr.—Madison R.—Madison	7	2,075	51.9	....	......	......
W. Mile Cr. or E. Mile Cr.—Madison R.—Madison		See Mile Creek.				
Mile Cr.—Missoula R.—Mineral	1	400	10.0	....	......	......
Miles Cr.—Brackett Cr.—Park	2	300	7.5	3	180	4.5
Mile Cr.—Clark Fork of Columbia—Sanders	1	150	3.8	....	......	......
Miles Cr.—Blackleaf Cr.—Teton	1	80	2.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Miles Crossing Coulee—Milk R.—Valley	1	2,000	50.0	....	......	......
Milhorn & Short Gulches—Dog Cr.—Powell	1	all	......	....	......	......
Milk Cr.—Mill Cr.—Deer Lodge	1	3,000	75.0	....	......	......
Milk Cr.—O'Fallon Cr.—Fallon	2	1,000	25.0	....	......	......
S. F. Milk Cr.—Milk Cr.—Fallon	1	500	12.5	....	......	......
Milk Cr.—Keep Cool Cr.—Lewis & Clark		See Mill Creek.				
*Milk R.—Missouri R.—Teton-Hill-Blaine-Valley and Sheridan	232	a†973114§	24327.8	2	FB5,000	125.0
E. Br. E. F. Milk R.—E. F. Milk R.—Hill	1	200	5.0	....	......	......
W. Br. E. F. Milk R.—E. F. Milk R.—Hill	1	200	5.0	....	......	......
M. F. Milk R.—Milk R.—Teton	3	1,760	44.0	....	......	......
*N. F. Milk R.—Milk R.—Blaine	51	102,180	2,554.5	....	......	......
E. F. N. F. Milk R.—N. F. Milk R.—Blaine	5	2,100	52.5	....	......	......
*S. F. Milk R.—Milk R.—Teton	3	16,800	420.0	....	......	......
*W. F. Milk R.—Milk R.—Blaine-Hill	16	57,860	1,446.5	....	......	......
N. F. W. F. Milk R.—W. F. Milk R.—Hill	1	80	2.0	....	......	......
Milk River Coulee—Missouri R.—Dawson	2	† 1,000	25.0	....	......	......
Mill Coulee—Sun R.—Cascade	3	†2,100§	52.5	....	......	......
Mill Cr.—Grasshopper Cr.—Beaverhead	3	800	20.0	1	25	0.6
Mill Cr.—Red Rock R.—Beaverhead	1	400	10.0	....	......	......
Mill Cr.—Peoples Cr.—Blaine	3	220§	5.5	....	......	......
N. Tributary Mill Cr.—Mill Cr.—Blaine	3	227	5.7	....	......	......
Mill Cr.—Rock Cr.—Blaine	2	240	6.0	....	......	......
Mill Cr.—Deep Cr.—Broadwater	2	4,000	100.0	....	......	......
Mill Cr.—Ash Cr.—Custer	1	1,000	25.0	....	......	......
Mill Cr.—Tongue R.—Custer	3	1,800	45.0	....	......	......
Mill Cr.—Deer Lodge R.—Deer Lodge	45	†44,088§	1,102.2	....	......	......
Mill Cr.—Peterson Gulch—Deer Lodge	2	†2,500	62.5	....	......	......
Mill Cr.—Casino Cr.—Fergus	1	250	6.2	....	......	......
Mills Cr.—Warm Spring Cr.—Fergus	1	100	2.5	....	......	......
Mill Cr.—Dry Cr.—Gallatin	3	600	15.0	....	......	......
Mill Cr.—Sixteen Mile Cr.—Gallatin	2	500	12.5	....	......	......
Mill Cr.—Flint Cr.—Granite	3	2,600	65.0	....	......	......
Mill Cr.—Elkhorn Cr.—Jefferson	3	375	9.4	....	......	......
Mill Cr.—Canyon Cr.—Lewis & Clark	1	500	12.5	....	......	......
Mill Cr.—Keep Cool Cr.—Lewis & Clark	3	1,230	30.8	....	......	......
Mill Cr.—W. F. Fisher Cr.—Lincoln	1	500	12.5	....	......	......
Mill Cr.—Burger Cr.—Madison	7	†15,640	391.0	....	......	......
Mill Cr.—Granite Cr.—Madison	4	†1,740	43.5	....	......	......
Mill Cr.—Indian Cr.—Madison	37	†C 24,311§	607.8	75	4,328	108.2
N. F. Mill Cr.—Indian Cr.—Madison		See Mill Creek.				
Mill Cr.—Jefferson R.—Madison	1	†	......	....	......	......
Mill Cr.—N. F. Musselshell R.—Meagher	4	520	13.0	....	......	......
Mills Cr.—Fourteen Mile Cr.—Mineral	1	100	2.5	....	......	......
Mill Cr.—Lolo Cr.—Missoula	4	2,068	51.7	....	......	......
Mill Cr.—Missoula R.—Missoula	17	†5,234§	130.8	7	670	16.8
Mill Cr.—Flathead Cr.—Park	1	25	0.6	....	......	......
Mill Cr.—Yellowstone R.—Park	49	†120,320§	3,008.0	....	......	......
E. F. Mill Cr.—Mill Cr.—Park	1	100	2.5	....	......	......
M. F. Mill Cr.—Mill Cr.—Park	1	5,000	125.0	....	......	......
S. F. Mill Cr.—Mill Cr.—Park	4	†11,000	275.0	....	......	......
W. F. Mill Cr.—Mill Cr.—Park	3	2,600	65.0	....	......	......
Mill Cr.—Nevada Cr.—Powell	8	†700	17.5	1	50	1.2
N. F. Mill Cr.—Nevada Cr.—Powell		See Mill Creek.				
S. F. Mill Cr.—Nevada Cr.—Powell		See Mill Creek.				
Mill Cr.—Wilson Cr.—Powell	2	360	9.0	....	......	......
Mill Cr. (T. 6 N.)—Bitterroot R.—Ravalli	29	9,184§	229.6	47	3,107	77.7
*Mill Cr. (T. 9 N.)—Bitterroot R.—Ravalli	12	20,648§	516.2	25	4,115	102.9
Mill Cr.—Burnt Fork Cr.—Ravalli	5	2,680	67.0	....	......	......
Mill Cr.—Little Bitterroot R.—Sanders	1	40,000	1,000.0	....	......	......
Mill Cr.—Fish Cr.—Silver Bow	2	6,450	161.2	....	......	......
Mill Cr.—Hibbard Cr.—Yellowstone	1	300	7.5	....	......	......

a—Add one filing for 2,000 gallons.

B—Add one decree of 50,000 gallons.

C—Add 300 acre-feet.

F—Federal decree.

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
N. F. Mill Gulch—South Cr.—Broadwater	1	100	2.5	....	......	......
Mill Gulch—Crow Cr.—Jefferson	6	†1,725	43.1	....	......	......
Mill Gulch—Brown's Gulch—Madison	1	50	1.2	....	......	......
Mill Gulch—Little Blackfoot R.—Powell	2	†200	5.0	....	......	......
Mills Gulch—Nevada Cr.—Powell		See Mill Creek.				
Mills Gulch—Divide Cr.—Silver Bow	1	500	12.5	....	......	......
Mill Gulch—Missoula Gulch—Silver Bow	1	all	......	....	......	......
Mill Cr. Slough—Mill Cr.—Madison	1	1,200	30.0	....	......	......
Miller Coulee—Marias R.—Chouteau	2	1,600	40.0	....	......	......
Millers Coulee—Missouri R.—Dawson	1	10,080	252.0	....	......	......
Miller Coulee—Armell's Cr.—Fergus	1	100	2.5	....	......	......
Miller Coulee—Big Spring Cr.—Fergus	1	500	12.5	....	......	......
Miller Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
Miller Coulee—Pondera Coulee—Teton	1	400	10.0	....	......	......
Miller Coulee—Marias R.—Toole	1	300	7.5	....	......	......
Miller Coulee—Willow Cr.—Toole	1	400	10.0	....	......	......
Miller Coulee—Brazil Cr.—Valley	1	4,000	100.0	....	......	......
Miller Cr.—Snake Cr.—Blaine	1	160	4.0	....	......	......
Miller Cr.—S. F. Blum Cr.—Custer	1	2,000	50.0	....	......	......
S. F. Miller Cr.—Miller Cr.-Tongue R.—Cust'r	1	500	12.5	....	......	......
Miller Cr.—Little Prickly Pear—Lewis & C.	1	150	3.8	....	......	......
Miller Cr.—Bitterroot R.—Missoula	15	†6,676§	166.9	14	2,556	63.9
Miller Cr.—Eldridge Cr.—Park	1	100	2.5	....	......	......
Miller Cr.—Soda Butte Cr.—Park	16	†8,450§	211.2	....	......	......
Miller Cr.—Bitterroot R.—Ravalli	3	1,480	37.0	....	......	......
Miller Cr.—Rosebud R.—Rosebud	1	600	15.0	....	......	......
Miller Cr.—Combirt Cr.—Sanders		See W. F. Combert Creek.				
Miller Cr. .... Valley	1	400	10.0	....	......	......
Millers Gulch—Johnnys Gulch—Jefferson	3	†50	1.2	....	......	......
Miller Gulch—Bitterroot R.—Ravalli	1*	100	2.5	....	......	......
Milligan Cr. .... Jefferson	2	200	5.0	....	......	......
Milligan Cr.—Yellowstone R.—Sweetgrass	4	550	13.8	....	......	......
Milliken Cr.—Yellowstone R.—Sweetgrass		See Mulligan Creek.				
Milne Cr.—Blue Cr.—Yellowstone	2	200	5.0	....	......	......
Milton Cr.—Musselshell R.—Meagher	2	300	7.5	....	......	......
Milwaukee Drainage Coulee—Muddy Cr.—Teton	1	4,000	100.0	....	......	......
Mineral Riogo Gulch—Belt Cr.—Cascade	1	†	......	....	......	......
Mineral Spring Cr.—Deep Cr.—Teton	1	300	7.5	....	......	......
Minerca Cr.—Willow Cr.—Musselshell	1	400	10.0	....	......	......
Miners Coulee—Milk R.—Toole	25	3,040§	76.0	....	......	......
E. Miners Coulee—Miners Coulee—Toole	1	80	2.0	....	......	......
N. Miners Coulee—Milk R.—Toole		See Miners Coulee.				
Miners Coulee—Willow Cr.—Toole	30	6,390§	159.8	....	......	......
S. Miners Coulee—Willow Cr.—Toole		See Miners Coulee.				
Miner Cr.—Big Hole R.—Beaverhead	47	†51,770	1,294.2	....	......	......
Miner Cr.—N. F. Big Sheep Cr.—Beaverhead	10	1,220	30.5	....	......	......
Miner Cr.—Wise R.—Beaverhead	5	500	12.5	....	......	......
Miner Cr.—Snake Cr.—Blaine	3	520	13.0	....	......	......
Miners Cr.—Pattee Cr.—Missoula	1	100	2.5	....	......	......
Miner Cr.—Eldridge Cr.—Park	3	550	13.8	15	705	17.6
S. F. Miner Cr.—Miner Cr.—Park	2	200	5.0	....	......	......
W. F. Miner Cr.—Miner Cr.—Park	1	100	2.5	....	......	......
Miners Gulch—Willow Cr.—Granite	6	2,752	68.8	....	......	......
Miners Gulch—Brown's Gulch—Silver Bow	1	300	7.5	....	......	......
Minesinger Cr.—Mud Cr.—Flathead	1	200	5.0	....	......	......
Ming Coolee Cr.—Smith R.—Cascade		See Ming Coulee.				
Ming Coulee (Cr.)—Smith R.—Cascade	39	5,000§	125.0	....	......	......
Ming Cr.—Wings Coulee—Fergus	2	†100	2.5	....	......	......
Mink Cr. (or Gulch)—Oregon Gulch—Min'r'l	2	†300	7.5	....	......	......
Minnehaha Gulch—Ten Mile Cr.—Lewis & C.	5	†1,850§	46.2	....	......	......
Minnesota Coulee—Willow Cr.—Toole	1	100	2.5	....	......	......
Minnesota Cr.—German Gulch—Silver Bow		See Minnesota Gulch.				
Right Fork Minnesota Cr.—German Gulch—Silver Bow		See Minnesota Gulch.				
Minnesota Gulch—German Gulch—Silver Bow	7	†2,300	57.5	....	......	......
Minnesota & Mont. L. & I. Ditch—Yellowstone R.—Yellowstone	26	†4,460	115.5	....	......	......

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Minnie Ha Ha Cr.—Pilgrim Cr.—Cascade	1	500	12.5	....	......	......
Minnie Healy Cr. ....Fergus	1	200	5.0	....	......	......
Minor Cr.—E. Gallatin R.—Gallatin	1	all	......	....	......	......
Minton Cr.—Clark Fk. of Columbia—Sanders	1	160	4.0	....	......	......
Miranda Coulee—Sage Cr.—Hill	6	8,800	220.0	....	......	......
Misner Coulee—Bird Tail Cr.—Cascade	1	200	5.0	....	......	......
Mission Cr.—St. Johns Cr.—Cascade	6	1,000§	25.0	....	......	......
Mission Cr. ....Chouteau	1	500	12.5	....	......	......
*Mission Cr.—Flathead R.—Missoula	42	†305,871§	7,646.8	....	......	......
Mission Cr.—Yellowstone R.—Park	35	†19,295	482.4	....	......	......
Missoula Gulch—Oregon Gulch—Mineral	2	1,500	37.5	....	......	......
Missoula Gulch—Silver Bow Cr.—Silver Bow	8	†50§	1.2	....	......	......
*Missoula River—Clark F. of Columbia R.—Missoula, Mineral and Sanders	130	†7233746	180843.6§	....	......	......
Missouri Gulch—Little Prickly Pear Cr.—Lewis & Clark	1	25§	0.6	....	......	......
*Missouri R.—Mississippi R.	311	16,849832	421245.8	† §	......	......
Mitchell (or Mill) Cr.—Nevada Cr.—Powell	6	2,510	62.8	3	115	2.9
Mitchell Gulch—Sage Cr.—Fergus	1	100	2.5	....	......	......
Mitchell Gulch—Spokane Cr.—Jefferson and Lewis & Clark	14	†1,190§	29.8	....	......	......
Mitchell Gulch—Little Prickly Pear—L. & C.	2	250	6.2	....	......	......
Mitchell Slough—Muddy Cr.—Teton	1	500	12.5	....	......	......
Mite Coulee—Careless Cr.—Fergus	1	†	......	....	......	......
Mitle Gulch ....Lewis & Clark	1	10§	0.2	....	......	......
Mizpah Cr.—Powder R.—Custer	14	16,800§	420.0	....	......	......
Moccasin Cr.—Warm Spring Cr.—Fergus	9	†920	23.0	....	......	......
W. F. Moccasin Cr.—Moccasin Cr.—Fergus	1	all	......	....	......	......
Modesty Cr.—Deer Lodge R.—Deer Lodge	11	†900§	22.5	....	......	......
Moe Cr.—Sweetgrass Cr.—Sweetgrass	1	100	2.5	....	......	......
Moffat Coulee—Dry Lake—Toole	1	200	5.0	....	......	......
Moffet Gulch—Wickeyup Cr.—Silver Bow	3	200	5.0	....	......	......
Moise Cr.—Jocko R.—Missoula	2	4,000	100.0	....	......	......
Molz Cr.—N. Miners Coulee—Toole	1	200	5.0	....	......	......
Monarch Cr.—Hat Cr.—Powell	2	1,200	30.0	....	......	......
Monday Cr.—Powder R.—Custer	2	1,300	32.5	....	......	......
Monepa Cr. ....Madison	1	80	2.0	....	......	......
Monforton Cr.—E. Gallatin R.—Gallatin	2	200	5.0	....	......	......
Mongar Cr.—Tenderfoot Cr.—Meagher	1	100	2.5	....	......	......
Monia Gulch—Grasshopper Cr.—Beaverhead	2	2,000	50.0	....	......	......
Monida Cr.—Junction Cr.—Beaverhead	2	360	9.0	....	......	......
Monida Hill Cr.—Red Rock R.—Beaverhead	1	40	1.0	....	......	......
Monitor Cr.—Ten Mile Cr.—Lewis & Clark	1	†	......	....	......	......
Monkey Run—Yellowstone R.—Rosebud	1	200	5.0	....	......	......
Monnean Gulch—Beaver Cr.—Jefferson	1	300	7.5	....	......	......
Monroe Cr.—Yellowstone R.—Dawson	2	120	3.0	....	......	......
Montana Coulee—Rock Coulee—Teton	1	2,000	50.0	....	......	......
Montana Gulch—Bull Cr.—Blaine	1	40	1.0	....	......	......
Montana Gulch—Confederate Gulch—B'd'w'r.	3	†125	3.1	....	......	......
E. F. Montana Gulch—Montana Gulch—Broadwater	1	all	......	....	......	......
Montana Lake—Missoula R.—Missoula	1	all	......	....	......	......
Montgomery Cr. ....Granite	2	400	10.0	....	......	......
Montgomery Cr. ....Ravalli	1	2,000	50.0	....	......	......
Montgomery Gulch ....Granite		See Montgomery Creek.				
W. Montour Cr.—Big Blackfoot R.—Powell	1	2,000	50.0	....	......	......
Montreal Gulch—Cedar Cr.—Mineral	1	500	12.5	....	......	......
Right Fk. Montreal Gulch—Montreal Gulch—Mineral	1	400	10.0	....	......	......
Montrenil Cr.—Hell Gate R.—Missoula	2	650	16.2	....	......	......
Montrey Gulch—Hell Gate R.—Missoula	1	200	5.0	....	......	......
S. Monument Gulch—Powder R.—Custer	1	3,000	75.0	....	......	......
Monument Lake—Willow Cr.—Teton	2	680	17.0	....	......	......
Moody Cr.—Oro Fino Gulch—Powell	1	50	1.2	....	......	......
Moody Cr.—Spring Cr.—Sheridan	1	240	6.0	....	......	......
Moon Cr.—Yellowstone R.—Custer	4	4,000	100.0	....	......	......
N. Branch Moon Cr.—Moon Cr.—Custer	1	500	12.5	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
W. Prong Moon Cr.—Moon Cr.—Custer......	1	500	12.5	....	......	......
Mooney Coulee—Cherry Cr.—Valley	3	600	15.0	....	......	......
Mooney Cr.—Cherry Cr.—Valley		See Mooney Coulee.				
Moonlight Cr.—Mizpah Cr.—Custer	1	300	7.5	....	......	......
Moore Coulee—Cottonwood Cr.—Hill	1	400	10.0	....	......	......
Moore Coulee—Marias R.—Toole	1	240	6.0	....	......	......
Moore Cr.—Madison R.—Madison	11	†a2,170	54.2	....	......	......
Moore's Fk. of Cow Cr.—Cow Cr.—Blaine....		See Cow Creek (Tributary.)				
Moore's Gulch—Nevada Cr.—Powell	1	100	2.5	....	......	......
Moore's Lake—Missouri R.—Blaine	1	200	5.0	....	......	......
Moorse Cr.—Madison R.—Madison		See Moore Creek.				
Mooring Cr.—Flathead R.—Flathead		See Blaine Creek.				
Moos Cr.—Missoula R.—Missoula	1	500	12.5	....	......	......
Moos Cr.—Lost Horse Cr.—Ravalli	1	200	5.0	....	......	......
Moose Cr.—Big Hole R.—Beaverhead........	32	249,663	6,241.6	35	9,375	234.4
S. F. Moose Cr.—Moose Cr.—Beaverhead....	3	2,240	56.0	....	......	......
Moose Cr.—Big Cr.—Deer Lodge	6	†600	15.0	....	......	......
Moose Cr.—Warm Spr. Cr.—Deer Lodge......	2	†all	......	....	......	......
Moose Cr.—Flint Cr.—Deer Lodge	2	†all	......	....	......	......
Moose Cr.—Ross Fork—Granite	2	780	19.5	....	......	......
Moose Cr.—Wilson Cr.—Jefferson	6	†600	15.0	....	......	......
Moose Cr.—Ten Mile Cr.—Lewis & Clark....	2	†100	2.5	....	......	......
Moose Cr.—Madison R.—Madison	8	4,625	115.6	....	......	......
Moose Cr.—Camas Cr.—Meagher	11	†3,220§	80.5	....	......	......
Moose Cr.—Big Blackfoot R.—Powell........	3	850	21.2	....	......	......
Moose Cr.—Big Hole R.—Silver Bow........	24	†10,256§	256.4	....	......	......
Left Fk. Moose Cr.—Moose Cr.—Silver Bow..		See Moose Creek.				
M. F. Moose Cr.—Moose Cr.—Silver Bow....	1	2,000	50.0	....	......	......
S. F. Moose Cr.—Moose Cr.—Silver Bow......	2	400	10.0	....	......	......
N. F. Moose Cr.—Moose Cr.—Silver Bow......	1	†	......	....	......	......
Moose Gulch—Blacktail Deer Cr.—Beaverhe'd	1	160	4.0	....	......	......
Moosehoren Cr.—Trail Cr.—Beaverhead	1	1,000	25.0	....	......	......
Moose Park Cr.—Pipestone Cr.—Jefferson..	2	†all	......	....	......	......
Moran Cr.—Big Hole R.—Beaverhead	3	1,300	32.5	....	......	......
Moran Cr.—Madison R.—Madison	6	b2,400	60.0	3	350	8.8
Moran Gulch ....Broadwater	1	50	1.2	....	......	......
More's Cr.—Madison R.—Madison		See Moore Creek.				
Morgan Coulee—Birch Cr.—Teton	2	400	10.0	....	......	......
Morgan Coulee—Red R.—Toole	1	300	7.5	....	......	......
Morgan Cr.—Yellowstone R.—Dawson.......	2	450	11.2	....	......	......
Morgan Gulch .... Jefferson	2	300	7.5	....	......	......
Morman Hill Cr.—Bison Cr.—Jefferson......	1	50	1.2	....	......	......
Mormon Cr.—Ruby R.—Madison	1	275	6.9	....	......	......
Mormon Cr.—Lolo Cr.—Missoula	6	3,950	98.8	4	990	24.8
Mormon Cr.—Big Hole R.—Silver Bow......	1	400	10.0	....	......	......
Mormon Gulch ....Madison	2	65	1.6	....	......	......
Mormon Jack Cr.—Clark Canyon Cr.—Beavh'd	1	40	1.0	....	......	......
Morrel Cr.—Clearwater R.—Missoula-Powell	2	4,000	100.0	....	......	......
Morrill Cr.—Steele Cr.—Chouteau	1	200	5.0	....	......	......
Morris Coulee—Bull Hook Cr.—Hill	1	400	10.0	....	......	......
Morris Cr.—Bear Cr.—Carbon	1	400	10.0	....	......	......
Morris Cr.—E. Rosebud Cr.—Carbon	4	1,160	29.0	....	......	......
Morris Cr. .... Custer	1	2,500	62.5	....	......	......
Morris Cr.—Madison R.—Madison		See Moore Creek.				
Morris Cr.—Daisy Dean Cr.—Meagher	1	80	2.0	....	......	......
E. F. Morris Cr.—Morris Cr.—Meagher......	1	50	1.2	....	......	......
Morris Cr.—Bitterroot R.—Ravalli	1	all	......	....	......	......
Morris Gulch .... Madison	1	100	2.5	....	......	......
Morrison Cr.—Medicine Lodge Cr.—Beav'he'd	4	710	17.8	....	......	......
Morrison Gulch—N. F. Big Blackfoot—L. & C.	2	150§	3.8	....	......	......
Morrison Gulch—Tin Cup Joe Cr.—Powell..	1	all	......	....	......	......
Morrow Cr. .... Missoula	1	300	7.5	....	......	......
Morrow's Gulch—Road Cr.—Lewis & Clark..	1	500	12.5	....	......	......
Morse Cr.—Madison R.—Gallatin	1	2,000	50.0	....	......	......
Morse Cr.—Madison R.—Madison		See Moore Creek.				
Mortan Cr.—Stillwater R.—Stillwater.......	1	200	5.0	....	......	......
Morton Coulee—Milk R.—Valley	1	1,000	25.0	....	......	......

a—Add 250 acre feet.
b—Add 770,000,000 gallons.
†Add to filings amounts not given.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Moscow Cr.—Clark Fk. of Colum. R.—Sanders	1	500	12.5	....	......	......
Mosley Gulch—Little Missouri R.—Fallon	1	1,000	25.0	....	......	......
Mosquito Cr.—Red Rock R.—Beaverhead	1	800	20.0	....	......	......
Mosquito Cr.—Clark Fk. of Colum.—Sanders	8	3,110	77.8	....	......	......
Mosquito Spring Coulee—Woody Island Coulee—Blaine	3	†1,500	37.5	....	......	......
W. Br. Mosquito Spring Coulee—Mosquito Spring Coulee—Blaine	1	all	......	....	......	......
Moss Cr. ....Deer Lodge	1	all	......	....	......	......
Moss Cr. ....Gallatin	1	†	......	....	......	......
Moss Cr. .... Granite	1	300	7.5	....	......	......
Moss Cr.—N. F. Smith R.—Meagher	1	100	2.5	....	......	......
Moss Cr. .... Stillwater	1	864	21.6	....	......	......
Mosser Cr.—Clear Cr.—Blaine	1	160	4.0	....	......	......
Mott Coulee—Milk R.—Valley	1	600	15.0	....	......	......
Moulton Cr. .... Chouteau	1	300	7.5	....	......	......
W. F. Moulton Cr.—Moulton Cr.—Chouteau	1	200	5.0	....	......	......
Moulton Ditch Gulch—Yankee Doodle Cr.—Silver Bow	1	all	......	....	......	......
Mounce Cr. .... Chouteau	1	150	3.8	....	......	......
Mt. Aqua—Warm Spr. Cr.—Deer Lodge	1	80	2.0	....	......	......
Mount Coulee—Little Cottonwood Cr.—Valley	1	800	20.0	....	......	......
Mount Cr.—Ashley Cr.—Flathead	1	200	5.0	....	......	......
Mt. Baker Cr.—Beaver Cr.—Missoula	1	1,280	32.0	....	......	......
Mt. Gem Gulch—Boulder Cr.—Granite	1	100	2.5	....	......	......
Mt. Peck Coulee—Cottonwood Cr.—Lewis & Clark	1	50	1.2	....	......	......
Mountain Creek—Missouri R.—Blaine	1	200	5.0	....	......	......
Mountain Creek—Lo Lo Cr.—Missoula	1	all	......	....	......	......
Mountain Creek—Missoula R.—Missoula	1	all	......	....	......	......
N. Mountain Gulch—Ash Cr.—Custer	1	300	7.5	....	......	......
S. Mountain Gulch—Ash Cr.—Custer	1	500	12.5	....	......	......
Mountain Gulch ....Deer Lodge	1	†	......	....	......	......
Mountain Meadow Creek....Carbon	1	160	4.0	....	......	......
Mountain Stream—Clark's Fk. Muddy Cr.—Teton	1	2,000	50.0	....	......	......
Mountain View Creek—Arrow Cr.—Fergus	1	160	4.0	....	......	......
Mud Coulee—Milk R.—Blaine		See Mud Creek.				
Mud Creek—Jones Cr.—Beaverhead	16	6,210	155.2	....	......	......
East Mud Creek—Jones Cr.—Beaverhead		See Mud Creek.				
West Mud Creek—Jones Cr.—Beaverhead		See Mud Creek.				
Mud Creek—Milk R.—Blaine	1	320	8.0	....	......	......
E. F. Mud Creek—Mud Cr.—Blaine	2	800	20.0	....	......	......
Mud Creek—Warm Springs Cr.—Blaine	1	80	2.0	....	......	......
Mud Creek—Powder R.—Custer	1	1,000	25.0	....	......	......
Mud Creek—Sheep Cr.—Custer	1	100	2.5	....	......	......
Mud Creek—Prairie Elk Cr.—Dawson-Richl'd	1	1,080	27.0	....	......	......
Mud Creek—Little Missouri R.—Fallon	1	500	12.5	....	......	......
Mud Creek—Ross Fork—Fergus	13	4,370§	109.2	....	......	......
S. F. Mud Creek—Mud Cr.—Fergus	3	400	10.0	....	......	......
W. F. Mud Creek—Mud Cr.—Fergus	1	200	5.0	....	......	......
*Mud Creek—Crow Cr.—Flathead-Missoula	14	23,050§	576.2	....	......	......
M. F. Mud Creek—Mud Cr.—Flathead	3	3,600	90.0	....	......	......
Mud Creek—W. Gallatin R.—Gallatin		......	......	1	50	1.2
Mud Creek—Swan R.—Flathead		See Rock Creek.				
Mud Creek—Tobacco R.—Lincoln	1	160	4.0	....	......	......
Mud Creek—N. F. Musselshell R.—Meagher	11	1,720§	43.0	....	......	......
E. F. Mud Creek—Mud Cr.—Meagher	2	400	10.0	....	......	......
W. F. Mud Creek—Mud Cr.—Meagher	3	340	8.5	....	......	......
Mud Creek—Douglas Cr.—Powell	4	375	9.4	....	......	......
Mud Creek—Divide Cr.—Silver Bow	1	100	2.5	....	......	......
Mud Creek—Boulder R.—Sweetgrass	1	25	0.6	....	......	......
Mud Creek—Musselshell—Sweetgrass	8	3,850	96.2	....	......	......
N. F. Mud Creek—Mud Cr.—Sweetgrass	3	1,000	25.0	....	......	......
M. F. Mud Creek—Mud Cr.—Sweetgrass	4	750	18.8	....	......	......
Mud Creek—Yellowstone R.—Yellowstone	1	200	5.0	....	......	......
Mudd Creek—Big Hole R.—Deer Lodge		See Harris Creek.				
Mud Lakes—Big Hole R.—Beaverhead		See Big Hole River.				

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Mud Lake—Rowe Coulee—Chouteau	1	500	12.5	....	......	......
Mud Lake—Seymour Cr.—Deer Lodge	1	160	4.0	....	......	......
Mud Lake—Race Track Cr.—Powell	1	160	4.0	....	......	......
Mud Lake—Pondera Coulee—Toole	1	1,000	25.0	....	......	......
Mud Lake Coulee—Martin Lake—Valley	2	1,200	30.0	....	......	......
Mud Lake Creek—Red Rock R.—Beaverhead	2	380	9.5	....	......	......
Mud Lake Creek—Upp'r E. Boulder—Sweetg's	1	80	2.0	....	......	......
Mud Spring Coulee.... Chouteau	1	200	5.0	....	......	......
Mud Spring Creek—Surprise Cr.—Cascade	1	500	12.5	....	......	......
Mud Spring Creek—Mizpah Cr.—Custer	2	200,920§	5,023.0	....	......	......
Mud Spring Cr.—Prickly Pear Cr.—Jefferson	2	530	13.2	....	......	......
Mud Spring Gulch—Hanging Woman Cr.—Big Horn	1	1,200	30.0	....	......	......
Mud Springs Cr.—Missouri R.—Broadwater	1	40	1.0	....	......	......
Mud Spring Gulch.... Broadwater	1	200	5.0	....	......	......
Muddy Coulee—Black Coulee—Blaine	2	320	8.0	....	......	......
Muddy Creek—Big Sheep Cr.—Beaverhead	4	1,180	29.5	....	......	......
Muddy Creek—Jones Cr.—Beaverhead		See Mud Creek				
Muddy Creek—Beauvais Cr.—Big Horn	1	240	6.0	....	......	......
Muddy Creek—People's Cr.—Blaine	1	150	3.8	....	......	......
Muddy Creek—Missouri R.—Cascade		See Little Muddy Creek.				
Muddy Creek—Missouri R.—Cascade	1	100	2.5	....	......	......
Muddy Creek—Soldier Cr.—Cascade	1	200	5.0	....	......	......
Muddy Creek.... Dawson	1	20	0.5	....	......	......
Muddy Creek—Flathead Cr.—Gallatin-Park		See L. Muddy Creek.				
Muddy Creek—Coyote Cr.—Meagher	1	288	7.2	....	......	......
W. F. Muddy Cr.—N. F. Musselshell R.—Meagher		See W. F. Mud. Creek.				
Muddy Cr.—S. F. Musselshell R.—Meagher	11	2,490§	62.2	....	......	......
E. F. Muddy Creek—Muddy Cr.—Meagher		See Muddy Creek.				
M. F. Muddy Creek—Muddy Cr.—Meagher		See Muddy Creek.				
W. F. Muddy Creek—Muddy Cr.—Meagher		See Muddy Creek.				
Muddy Creek—Rosebud R.—Rosebud	2	321	8.0	....	......	......
Muddy Creek—Sand Cr.—Silver Bow	1	80	2.0	....	......	......
Muddy Creek—Sun R.—Teton-Cascade	16	†37,622	940.6	....	......	......
E. F. Muddy Creek—Muddy Cr.—Teton	1	100	2.5	....	......	......
S. F. Muddy Creek—Muddy Cr.—Teton	1	200	5.0	....	......	......
*Muddy Creek—Teton R.—Teton	103	†260,600§	6,515.0	....	......	......
Clarke's Fk. Muddy Cr.—Muddy Cr.—Teton	1	100	2.5	....	......	......
N. F. Muddy Creek—Muddy Cr.—Teton	3	21,200	530.0	....	......	......
S. F. Muddy Creek—Muddy Cr.—Teton	6	2,175§	54.8	....	......	......
Muddy Creek—Willow Cr.—Valley	3	†2,500	62.5	....	......	......
Muddy of the Missouri—Missouri R.—Cascade		See L. Muddy Creek.				
Muddy Springs Cr.—Spokane Cr.—Lewis & Clark	1	50	1.2	....	......	......
Mudgett Coulee—O'Brien Coulee—Hill	1	200	5.0	....	......	......
Mudhole Coulee—Box Elder Cr.—Blaine	1	400	10.0	....	......	......
Muelhan Gulch.... Madison	1	160	4.0	....	......	......
Muggins Coulee—Yellowstone R.—Rosebud		See Muggins Creek.				
Muggins Creek—Yellowstone R.—Rosebud	13	9,200§	230.0	....	......	......
W. F. Muggins Creek—Muggins Cr.—Rosebud	1	300	7.5	....	......	......
Mule Creek—Camas Cr.—Meagher	12	3,310§	82.8	....	......	......
S. F. Mule Creek—Mule Cr.—Meagher		See Mule Creek.				
Mulherin Cr.—Yellowstone R.—Park	13	†2,013§	50.3	....	......	......
Mulkey Creek—Big Hole R.—Beaverhead	10	3,160	79.0	....	......	......
Mullan Gulch—St. Regis R.—Mineral	3	520	13.0	....	......	......
Mullen Creek—Missoula R.—Mineral	1	100	2.5	....	......	......
Mullen Creek—Deer Lodge R.—Powell	1	100	2.5	....	......	......
Mullen Gulch—Seven Mile Cr.—Lewis & Clark	1	10	0.2	....	......	......
Muller Coulee—Tongue R.—Big Horn	1	200	5.0	....	......	......
Mulletts Creek—Rock Cr.—Granite	1	50	1.2	....	......	......
Mulvey Gulch—Boulder R.—Jefferson	4	675	16.9	....	......	......
Mumper Coulee—Marias R.—Toole	1	800	20.0	....	......	......
Munro Coulee—Snake Coulee—Teton	1	200	5.0	....	......	......
Munro Creek—Little Beaver Cr.—Fallon	1	400	10.0	....	......	......
Munyon Coulee—Dry Fk. of Marias R.—Teton	1	200	5.0	....	......	......
Murphy Coulee—Milk Rr.—Blaine	1	200	5.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Murphy Coulee—Smith R.—Cascade	3	200	5.0	....	......	......
Murphy's Coulee—Whitewater Cr.—Valley	1	200	5.0	....	......	......
Murphy Creek—Red Rock R.—Beaverhead	6	1,180	29.5	....	......	......
Murphy Creek—Tobacco R.—Lincoln	2	480	12.0	....	......	......
Murphy Creek—Clearwater R.—Missoula	1	100	2.5	....	......	......
Murphy Creek—Pioneer Gulch—Powell	1	all	......	....	......	......
Murphy Gulch—Mitchell Gulch—Jefferson	1	50	1.2	....	......	......
Murphy Lake—Murphy Cr.—Beaverhead	1	200	5.0	....	......	......
Murphy Lakes—Sheep Cr.—Teton	1	200	5.0	....	......	......
Murr Creek—Thompson R.—Flathead	1	400	10.0	....	......	......
Murray Coulee—Clear Cr.—Blaine	1	200	5.0	....	......	......
Murray Coulee—Willow Cr.—Toole	1	50	1.2	....	......	......
Murray Creek—Sage Cr.—Hill	1	100	2.5	....	......	......
Murray Creek—Battle Cr.—Meagher	2	†100	2.5	....	......	......
Murray Creek—Eagle Cr.—Meagher	2	140§	3.5	....	......	......
Murray Creek—Douglas Cr.—Powell	5	1,920§	48.0	....	......	......
Murray Gulch ....Lewis & Clark	1	100	2.5	....	......	......
Mush Creek—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Muskrat Creek—Box Elder Cr.—Fallon	4	2,500§	62.5	....	......	......
Muskrat Creek—Warm Spring Cr.—Fergus	6	370	9.2	....	......	......
*Muskrat Creek—Boulder R.—Jefferson	13	†2,600§	65.0	17	1,297	32.4
Muskrat Lakes—Rock Coulee—Teton		See Hope & Muskrat Lakes.				
Muskrat Lake—Sheep Cr.—Teton	1	400	10.0	....	......	......
Muskrat Lake—Miners Coulee—Toole	1	100	2.5	....	......	......
Muskrat Slough—Beaver Cr.—Valley	1	288	7.2	....	......	......
Musse Creek—Moose Cr.—Beaverhead	2	320	8.0	....	......	......
*Musselshell River—Missouri R.—Meagher, Musselshell, Rosebud, Fergus, Dawson	167	a226,050§	5,651.2	....	......	......
*N. F. Musselshell R.—Musselshell F.—Meag'r	35	†76,950§	1,923.8	....	......	......
*S. F. Musselshell R.—Musselshell R.—Meag'r	30	102,285§	2,557.1	....	......	......
Mussigbrod Cr.—N. F. Big Hole R.—Beav'rh'd	46	55,440	1,386.0	....	......	......
Mustard Creek—Yellowstone R.—Custer		See Muster Creek.				
Muster Creek—Yellowstone R.—Custer	10	20,500	512.5	....	......	......
Mutherin Creek ....Park		See Mulherin Creek.				
Myrtle Creek—People's Cr.—Blaine	4	960	24.0	....	......	......
N. F. Myrtle Creek—Myrtle Cr.—Blaine	1	200	5.0	....	......	......
S. F. Myrtle Creek—Myrtle Cr.—Blaine	1	200	5.0	....	......	......
Myrtle Creek—Little Powder R.—Custer	1	400	10.0	....	......	......
Mystic Lake—Bozeman Cr.—Gallatin		See Bozeman Creek.				
Mystic Lake—W. Rosebud R.—Stillwater		See W. Rosebud River.				
N						
Nagues Cr.—N. F. Musselshell R.—Meagher	1	160	4.0	....	......	......
Nanton Coulee—Cottonwood Cr.—Hill	1	2,000	50.0	....	......	......
Napp Cr.—Missouri R.—Cascade	10	†3,200§	80.0	....	......	......
N. F. Napp Cr.—Napp Cr.—Cascade	2	†	......	....	......	......
Narogage Coulee—Marias R.—Toole	1	1,000	25.0	....	......	......
Nason Coulee—Pondera Coulee—Teton	2	1,200	30.0	....	......	......
Nason Cr.—Belt Cr.—Cascade	18	2,090	52.2	....	......	......
Nates Gulch—Warm Springs Cr.—Deer Lodge	...	....	......	4	191.	4.8
Nawman Coulee—Pondera Coulee—Teton	1	100	2.5	....	......	......
"N." Bar Cr.—Little Powder R.—Custer	1	2,000	50.0	....	......	......
Neadle Cr.—Neal Cr.—Cascade	1	200	5.0	....	......	......
Neagle Cr.—Grasshopper Cr.—Beaverhead	1	100	2.5	....	......	......
Neal Coulee—Milk R.—Hill	1	200	5.0	....	......	......
Neal Cr.—Belt Cr.—Cascade	19	2,545	63.6	....	......	......
Nearman Cr.—Hell Gate R.—Missoula	1	100	2.5	....	......	......
Need Gulch ....Madison	1	†	......	....	......	......
Negro Cr.—Missouri R.—Cascade	1	50	1.2	....	......	......
Negro Gulch ....Deer Lodge	1	all	......	....	......	......
Neil Cr.—Belt Cr.—Cascade		See Neal Cr.				
Neil Cr.—Highwood Cr.—Cascade	1	500	12.5	....	......	......
Neil Cr.—Careless Cr.—Meagher	2	400	10.0	....	......	......
Nell Cr.—Belt Cr.—Cascade		See Neal Cr.				
Nellie's Coulee—Muddy Cr.—Teton	2	600	15.0	....	......	......

a—Add 320 acre feet.

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Nellie Cr. .... Missoula	1	360	9.0	....	......	......
Nelse Coulee .... Chouteau	1	80	2.0	....	......	......
Nelson Coulee—Missouri R.—Cascade........	1	100	2.5	....	......	......
Nelson Cr.—Grasshopper Cr.—Beaverhead...	1	350	8.8	1	160	4.0
Nelson Cr.—Tongue R.—Custer	1	1,000	25.0	....	......	......
Nelson Cr.—Yellowstone R.—Custer	1	200	5.0	....	......	......
Nelson Cr. .... Dawson	3	700	17.5	....	......	......
Nelson Cr.—Tobacco R.—Lincoln	1	400	10.0	....	......	......
Nelson Cr.—Elk Cr.—Madison	1	150	3.8	....	......	......
Nelson Cr.—W. F. Bitterroot´ R.—Ravalli....	1	400	10.0	....	......	......
Nelson Gulch—Ten Mile Cr.—Lewis & Clark	1	all	......	....	......	......
Nelson Gulch—Sand Cr.—Silver Bow	1	100	2.5	....	......	......
Nelson Swamp—Pass Cr.—Gallatin..........	1	50	1.2	....	......	......
Nerytime Gulch—Avalanch Gulch—Lewis & Clark	1	all	......	....	......	......
Nessler Coulee—Thirty Mile Cr.—Blaine.....	2	2,200	55.0	....	......	......
Nest Cr.—Mizpah Cr.—Custer	2	1,500	37.5	....	......	......
Nevada Cr.—Daisy Dean Cr.—Meagher......	2	a 160	4.0	....	......	......
Nevada Cr.—Big Blackfoot R.—Powell.......	61	†70,705§	1,767.6	55	5,899	147.5
Nevada Dean Cr.—Daisy Dean Cr.—Meagher		See Nevada Creek.				
Nevatna Coulee—Hay Cr.—Cascade	1	100	2.5	....	......	......
New Cr.—Lepley Cr. ?—Chouteau	1	320	8.0	....	......	......
New Lake .... Park	1	200	5.0	....	......	......
New York Gulch—Trout Cr.—Lewis & Clark	3	† 75	1.9	....	......	......
Newal Basin—N. F. Spanish Cr.—Madison...	1	200	5.0	2	80	2.0
Newberry Canyon—Madison R.—Madison....		See Newberry Creek.				
Newberry Cr.—Madison R.—Madison.......	2	† 200	5.0	....	......	......
Newbert Coulee—Red R.—Toole	1	400	10.0	....	......	......
Newell Cr.—Graveyard Cr.—Custer	2	800	20.0	....	......	......
Newlan Cr.—Smith R.—Meagher	19	3,935	98.4	13	1,090	27.2
Newman Cr.—Nine Mile Cr.—Mineral	1	1,000	25.0	....	......	......
S. F. Nezahena Cr.—Bison Cr.—Jefferson.....	1	1,000	25.0	....	......	......
Nez Perce Cr.—Selway Cr.—Beaverhead....	4	980	24.5	2	170	4.2
Nez Perce Cr.—Bison Cr.—Jefferson	13	† 5,080§	127.0	....	......	......
N. F. Nez Perce Cr.—Nez Perce Cr.—Jefferson	1	750	18.8	....	......	......
S. F. Nez Perce Cr.—Nez Perce Cr.—Jefferson	3	1,900	47.5	....	......	......
Nez Pers Gulch—Big Hole R.—Beaverhead..	1	all	......	....	......	......
Nez Pierce Hollow—Big Hole R. ?—Madison	1	†	......	....	......	......
Niagara Cr.—Placid Cr.—Missoula	1	1,280	32.0	....	......	......
Nicala Cr.—Vallev Cr.—Sanders	1	60	1.5	....	......	......
Nichols Coulee—Red R.—Toole	1	240	6.0	....	......	......
Nichols Cr.—Rocky Fork—Carbon...........	4	740	18.5	....	......	......
Nichols Cr.—Powder R.—Custer	4	5,000	125.0	....	......	......
S. Nichols Cr.—Nichols Cr.—Custer	2	1,500	37.5	....	......	......
Nicholia Cr.—N. F. Big Sheep Cr.—Beav'rh'd	12	3,114	77.8	....	......	......
Nicholson Cr.—People's Cr.—Blaine	2	260	6.5	....	......	......
Nickerson Cr.—Madison R.—Madison	1	280	7.0	....	......	......
Nickle, Silver & Rabbit Creeks...Yellowstone	1	200	5.0	....	......	......
Nickolie Coulee—Blackleaf Cr.—Teton	1	100	2.5	....	......	......
Nickwill Cr. .... Dawson	1	6,000	150.0	....	......	......
Niece Cr.—Nine Mile Cr.—Missoula	1	200	5.0	....	......	......
Nietz Cr.—Trout Cr.—Granite	1	40	1.0	....	......	......
Nigger Creek .... Madison	1	†	......	....	......	......
Nigger Gulch.................... Deer Lodge	1	400	10.0	....	......	......
Nigger Hollow—Boulder R.—Jefferson......	1	100	2.5	....	......	......
Nine Mile Coulee—Milk R.—Blaine	4	3,210	80.2	....	......	......
Nine Mile Coulee—Missouri R.—Chouteau...	3	†320§	8.0	....	......	......
W. F. Nine Mile Coulee—Nine Mile Coulee—Chouteau	3	†400	10.0	....	......	......
Nine Mile Coulee—Milk R.—Hill	1	160	4.0	....	......	......
Nine Mile Cr.—Lower 7 Mile Cr.—Dawson..	1	25	0.6	....	......	......
Nine Mile Cr.—Little Missouri—Fallon......	6	5,000	125.0	....	......	......
Nine Mile Cr.—St. Regis R.—Mineral.......	6	8,080	202.0	....	......	......
Nine Mile Cr.—Missoula R.—Missoula......	34	54,786	1,369.4	....	......	......
Ninth Coulee—Big Coulee—Stillwater.......	1	all	......	....	......	......
Nip & Tuck Cr.—Horse Praire Cr.—Beaverh'd	3	320	8.0	....	......	......
Nippenberg Spr. Cr.—Rochester Cr.—Madison		See Knippenberg Spr. Creek.				

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a—Add 100,000,000 cu. ft. annually.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Nixon Cr.—Brackett Cr.—Gallatin	1	100	2.5	....	......	......
Nixon Cr.—Pass Cr.—Gallatin	1	all	......	....	......	......
Noble Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
Noble Coulee—Milk R.—Toole	2	600	15.0	....	......	......
Noble Creek—Medicine Lodge Cr.—Beaverh'd	2	440	11.0	....	......	......
Noel Cr.—Shields R.—Park	1	100	2.5	1	50	1.2
Nolan Gulch—Confederate Gulch—Broadw't'r	2	30	0.8	....	......	......
Nolan Gulch—Tongue R.—Rosebud	1	500	12.5	....	......	......
Nollar Coulee—Big Otter Cr.—Cascade	1	100	2.5	....	......	......
No Mans Cr.—Indian Cr.—Madison	1	80	2.0	....	......	......
No Name Cr.—Nevada Cr.—Powell	2	360	9.0	1	40	1.0
No Name Gulch—Cottonwood Cr.—Powell	2	400	10.0	....	......	......
Norden Cr.—Sand Cr.—Blaine ?	5	380	9.2	....	......	......
Norman Cr.—Big Blackfoot R.—Missoula	1	200	5.0	....	......	......
Norris Coulee—Missouri R.—Chouteau	1	320	8.0	....	......	......
Norris Cr.—Eagle Cr.—Meagher	1	80	2.0	....	......	......
North Coulee—Williams Cr.—Cascade	1	100	2.5	....	......	......
North Coulee—Missouri R.—Sheridan	1	5.184	129.6	....	......	......
North Coulee—Milk R.—Toole	1	400	10.0	....	......	......
North Coulee—Half Breed Cr. ?—Toole		See North Creek.				
North Cr.—Missouri R.—Broadwater		See Gurnett Creek.				
North Cr.—Willow Cr.—Fallon	1	500	12.5	....	......	......
North Cr. Gallatin	1	all	......	....	......	......
North Cr. Park	1	150	3.8	....	......	......
North Creek—Half Breed Cr. ?—Toole	11	2,070	51.8	....	......	......
E. F. North Cr.—North Cr.—Toole	2	300	7.5	....	......	......
N. F. North Cr.—North Cr.—Toole	1	100	2.5	....	......	......
North Fork Coulee—N. F. Milk R.—Blaine	1	800	20.0	....	......	......
North Fork & Flat Coulee—Sun R.—Cascade		See Olson Coulee.				
North Fork Cr. Deer Lodge	1	120	3.0	....	......	......
North Fork Lake—N. F. Big Blackf't—Powell	1	400	10.0	....	......	......
North Side Drainage Ditch—Yellowstone R. —Yellowstone	1	5,000	125.0	....	......	......
North Spr. Cr.—Madison R.—Gallatin		Filed under "S."				
North Swamp Cr.—Burnt Fork Cr.—Ravalli		Filed under "S."				
North Willow Cr.—Belt Cr.—Cascade		Filed under "W."				
Northeast Coulee—Shotgun Cr.—Sheridan	1	†	......	....	......	......
Northey Cr.—Hell Gate R.—Missoula	1	60	1.2	....	......	......
Northwest Coulee—Lonesome Lake Coulee—Chouteau	1	40	1.0	....	......	......
Northwest Coulee—Sage Cr.—Hill	1	20	0.5	....	......	......
Norton Cr.—Sweeney Cr. ?—Lewis & Clark	1	160	4.0	....	......	......
Norton Gulch—German Gulch—Silver Bow	2	† 480	12.0	....	......	......
Norville Coulee—Milk R.—Sheridan	1	3,000	75.0	....	......	......
Norwegian Canon—Little Beaver Cr.—Fallon	1	500	12.5	....	......	......
Norwegian Coulee—Dry Fk. Willow Cr.—Toole	1	120	3.0	....	......	......
Norwegian Coulee Valley	1	500	12.5	....	......	......
Norwegian Cr.—Wise R.—Beaverhead	2	300	7.5	....	......	......
Norwegian Cr.—Deer Lodge R.—Deer Lodge	1	100	2.5	....	......	......
Norwegian Cr.—Willow Cr.—Madison		See Norwegian Gulch.				
Norwegian Gulch—Willow Cr.—Madison	12	†541,850	13546.2	1	100	2.5
Notes Cr.—Warm Springs Cr.—Deer Lodge	1	500	12.5	....	......	......
Novak Cr.—Five Mile Cr.—Fallon	1	500	12.5	....	......	......
Noyes Canon—Steele Cr.—Beaverhead		See Noyes Creek.				
Noyes Cr.—Steele Cr.—Beaverhead	6	a 7,060	176.5	....	......	......
Nugent Cr.—Missouri R.—Sheridan	1	600	15.0	....	......	......
Nugget Gulch—Wisconsin Cr.—Madison	11	† 1,660	41.5	....	......	......
Number 3 Gulch—Snow Shoe Gulch—Missoula	1	†	......	....	......	......
Nutt Coulee Chouteau	1	240	6.0	....	......	......
Nuttingham Coulee—Cora Cr.—Cascade	1	100	2.5	....	......	......
Nyack Cr.—M. F. Flathead R.—Flathead	1	†	......	....	......	......
Nye Cr.—Red Rock R.—Beaverhead	6	† 1,110	27.8	....	......	......
E. Nye Cr.—Red Rock R.—Beaverhead	4	† 520	13.0	....	......	......

a—Add 600 acre feet.

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
O						
O'Brian Cr.—Kootenai R.—Lincoln	See O'Brien Creek.					
O'Brien Coulee—Sage Cr.—Hill	10	2,900§	72.5	....	......	......
O'Brien Cr.—Belt Cr.—Cascade	5	†2,550	63.8	....	......	......
O'Brien Cr.—Kootenai R.—Lincoln	4	2,920§	73.0	....	......	......
O'Brien Cr.—Bitterroot R.—Missoula	3	1,600	40.0	6	390	9.8
O'Bryan Cr.—Peoples Cr.—Blaine	4	1,500	37.5	....	......	......
O'Connell Cr.—Muddy Cr.—Teton	1	600	15.0	....	......	......
O'Dair Cr.—Shields R.—Park	See Adair Creek.					
O'Dare Cr.—Shields R.—Park	See Adair Creek.					
O'Dell Cr.—Grasshopper Cr.—Beaverhead	See Dyes Creek.					
O'Dell Cr.—Tongue R.—Rosebud	2	280	7.0	....	......	......
O'Fallon Cr.—Yellowstone R.—Fallon-Custer	18	16,040§	401.0	....	......	......
E. F. O'Fallon Cr.—O'Fallon Cr.—Fallon	1	200	5.0	....	......	......
O'Haire Coulee—Milk R.—Toole	1	400	10.0	....	......	......
O'Hanlon Coulee—Marias R.—Chouteau	1	2,000	50.0	....	......	......
O'Hanlon Coulee—Missouri R.—Chouteau	1	240§	6.0	....	......	......
E. F. O'Hanlon Coulee—O'Hanlon Coulee—Chouteau	1	400	10.0	....	......	......
O'Hara Cr.—Hawk Cr.—Musselshell	1	50	1.2	....	......	......
O'Hearn Coulee—Teton R. ?—Chouteau	1	8,000	200.0	....	......	......
O'Hearn Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
O'Hern Cr.—Yellowstone R.—Park	2	240	6.0	....	......	......
O'Keefe Cr.—Missoula R.—Missoula	8	†1,000§	25.0	....	......	......
O'Laughlin Coulee—Dry Lake—Toole	1	100	2.5	....	......	......
O'Laughlin Coulee—Willow Cr. ?—Toole	1	200	5.0	....	......	......
O'Laughlin Lake—Willow Cr. ?—Toole	2	300	7.5	....	......	......
O'Leary Cr.—Shields R.—Park	..	....	......	2	150	3.8
O'Neals Coulee—Milk R.—Toole	4	1,600	40.0	....	......	......
O'Neil Coulee .... Chouteau?	1	400	10.0	....	......	......
O'Neill Cr.—Yellowstone R.—Custer	1	1,000	25.0	....	......	......
O'Neil Cr.—Deer Lodge R.—Powell	2	600	15.0	....	......	......
O'Neil Gulch—Pipestone Cr.—Jefferson	1	400	10.0	....	......	......
O'Rear Cr.—Billman Cr.—Park	9	† 655§	16.4	4	202	5.0
O'Reilly Coulee .... Chouteau?	1	500	12.5	....	......	......
Oars Basin—Brown's Gulch—Silver Bow	1	all	......	....	......	......
Obrine Cr.—Kootenai R.—Lincoln	See O'Brien Creek.					
Odell Cr.—Red Rock R.—Beaverhead	18	7,190§	179.8	....	......	......
Odell Cr.—Madison R.—Madison	7	10,050	251.2	....	......	......
Odenwald Cr.—Ross Fork—Fergus	4	900	22.5	....	......	......
Oder Coulee—Teton R.—Chouteau	1	all	......	....	......	......
Ogden Gulch—Nevada Cr.—Powell	1	120	3.0	....	......	......
Ohio Gulch—Three Mile Cr.—Powell	2	400	10.0	3	175	4.4
Oil Cr. .... Missoula	1	1,000	25.0	....	......	......
Oil Spr. Cl.—Woody Island Cl.—Blaine	1	100	2.5	....	......	......
Old Crow Cr.—Missouri R.—Broadwater	See Crow Creek.					
Old House Coulee—Missouri R.—Richland	1	5.184	129.6	....	......	......
Old Joe's Coulee—Muddy Cr.—Teton	2	350	8.8	....	......	......
Old Kevin Coulee—Dry Lake—Toole	1	160	4.0	....	......	......
Old Lovell Cl.—M. F. Willow Cr.—Sheridan	1	400	10.0	....	......	......
Old Maid Coulee—Lake Cr.—Sheridan	1	160	4.0	....	......	......
Old Man Cr.—Big Hole R.—Deer Lodge	1	all	......	....	......	......
Old Placer Cr.—Silver Bow Cr.—Silver Bow	1	700	17.5	....	......	......
Old Rear Cr.—Billman Cr.—Park	See O'Rear Creek.					
Old Saw Mill Gulch .... Lewis & Clark	1	150	3.8	....	......	......
Old School House Gulch.—Yellowstone R.—Sweetgrass	1	80	2.0	....	......	......
Old Tampico Coulee—Milk R.—Valley	1	400	10.0	....	......	......
Old Timer Gulch—Missoula R.—Missoula	1	†	......	....	......	......
Oleson Cr. .... Custer	1	1,000	25.0	....	......	......
Oleson Gulch—Wm. Springs Cr.—Deer Lodge	11	† 855§	21.4	....	......	......
Oliver Cr.—Ross Fork—Fergus	1	320	8.0	....	......	......
Oliver Cr.—Little Bitter Root R.—Sanders	2	360	9.0	....	......	......
Oliver Gulch—Nine Mile Cr.—Missoula	5	2,100	52.5	....	......	......
Oliver Gulch—Elk Cr.—Powell or Granite	1	12	0.3	....	......	......
Olliver Coulee—Pondera Coulee—Teton	1	400	10.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Olsen Cr.—N. F. Big Hole R.—Beaverhead...	2	2,000	50.0	....	......	......
Olsen Cr.—Camp Cr.—Silver Bow	1	200	5.0	....	......	......
Olson Coulee—Peoples Cr.—Blaine	2	900	22.5	....	......	......
Olson Coulee—Sun R.—Cascade	1	100	2.5	....	......	......
Olson's Coulee—Redwater Cr.—Richland....	1	30,000	750.0	....	......	......
Olson Coulee—Shot Gun Cr.—Sheridan......	1	5.184	129.6	....	......	......
Olson Gulch—Cottonwood Cr.—Fallon.......	2	500	12.5	....	......	......
One Cr.—Smith R.—Meagher	1	150	3.8	....	......	......
One Half Mile Cr.—Rock Cr.—Granite	1	100	2.5	....	......	......
One Horse Cr.—Bitterroot R.—Ravalli......	15	8,994§	224.8	27	2,280	57.0
One Horse Gulch—Dog Cr.—Powell	1	all	......	....	......	......
One Hundred & One Draw—Little Beaver Cr. Custer	2	1,200	30.0	....	......	......
One Mile Coulee—Cottonwood Cr.—Hill......	1	200	5.0	....	......	......
One Mile Coulee—Yellowstone R.—Richland	2	80,000	2,000.0	....	......	......
One Tree Coulee—Little Box Elder Cr.—Hill	1	120	3.0	....	......	......
Onion Cr.—Big Horn R.—Big Horn	1	2	0.0	....	......	......
Ontario Cr.—Little Blackfoot R.—Powell....	5	2,000	50.0	....	......	......
Ophir Cr.—Little Blackfoot R.—Powell, Lewis & Clark	33	5,475	136.9	....	......	......
Ophir Gulch—Little Blackfoot R.—Powell, Lewis & Clark........................		See Ophir Creek.				
Or Cr.—Wolf Cr.—Fergus	1	200	5.0	....	......	......
Ora Fina Cr.—Warm Springs Cr.—Fergus...	1	40	1.0	....	......	......
Orange and Lake Gulch Cr.......Deer Lodge	1	300	7.5	....	......	......
Orchard Coulee—Musselshell R.?—Rosebud..	2	1,250	31.2	....	......	......
Orchard Cr.—Dearborn R.—Lewis & Clark..		See Auchard Creek.				
Orchard Cr......................... Missoula	1	200	5.0	....	......	......
Orchard Gulch—Silver Bow Cr.—Silver Bow	1	60	1.5	....	......	......
Ore Cr.—Boulder R.—Jefferson	1	50	1.2	....	......	......
Oregon Cr.—Cedar Cr.—Mineral		See Oregon Gulch.				
Oregon Gulch—French Gulch—Deer Lodge..	3	†	......	....	......	......
Oregon Gulch—Missouri R.—Lewis & Clark	3	†	......	....	......	......
Oregon Gulch—Cedar Cr.—Mineral	16	† 47,870	1,196.8	....	......	......
Missoula Fk. of Ore. Gl.—Oregon Gl.—Mineral	1	all	......	....	......	......
Oregon Fk. of Ore. Gl.—Ore. Gl.—Mineral	1	all	......	....	......	......
Oregon Lake—Deer Cr.—Missoula		See Deer Creek.				
Orman Coulee—Missouri R.—Fergus	1	200	5.0	....	......	......
Oro Cache Gulch—Warm Spg. Cr.—Fergus	1	all	......	....	......	......
Oro Fino Gulch—Deer Lodge R.—Powell. Deer Lodge	14	† 1,830§	45.8	....	......	......
Oro Fino Gulch—Last Chance Cr.—Lewis & Clark	13	† 159§	4.0	....	......	......
Right Fk. of Oro Fino Gl.—Oro Fino Gulch—Lewis & Clark		See Keenes Gulch.				
Oro Fino Gulch—Brown's Gulch—Silver Bow	3	725§	18.1	....	......	......
Orter Cr.—Big Muddy Cr.—Sheridan	1	240	6.0	....	......	......
Otis Cr.—Missouri R.—Richland	2	† 2,000	50.0	....	......	......
Otress'es Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
Otta Cr.—Lower Deer Cr.—Sweetgrass......	1	500	12.5	....	......	......
Ottawa Cr.—Silver Cr.—Lewis & Clark.....	7	†750§	18.8	....	......	......
Ottaway—Silver Cr.—Lewis & Clark		See Ottawa Creek.				
Otter Cr.—Belt Cr.—Cascade	82	†12,770§	319.2	....	......	......
N. F. Otter Cr.—Otter Cr.—Cascade		See Otter Creek				
Otter Cr.—Tongue R.—Custer-Rosebud......	32	28,487§	712.2	....	......	......
E F. Otter Cr.—Otter Cr.—Custer	1	216	5.4	....	......	......
Otter Cr.—Yellowstone R.—Sweetgrass......	32	23,316	582.8	....	......	......
N. F. Otter Cr.—Otter Cr.—Sweetgrass......	5	2,600	65.0	....	......	......
S. F. Otter Cr.—Otter Cr.—Sweetgrass......	2	240	6.0	....	......	......
W. F. Otter Cr.—Otter Cr.—Sweetgrass......	1	160	4.0	....	......	......
Ottor Cr.—Belt Cr.—Cascade		See Otter Creek.				
Our Gulch—Confederate Gulch?—B'dwater?	1	all	......	....	......	......
Overstreet Cr.—Antelope Cr.?—Madison.....	1	120	3.0	....	......	......
Overwhich Cr.—S. F. Bitterroot R.—Ravalli	5	12,000	300.0	....	......	......
Owings Cr.—Sawtooth Cr.—Ravalli	2	220	5.5	....	......	......
Owl Cr.—Little Big Horn R.—Big Horn......	2	460	11.5	....	......	......
Owl Cr.—Clearwater R.—Missoula	1	800	20.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Owl Cr.—Willow Cr.—Park	1	110	2.8	....	......	......
Owl Cr.—Sweetgrass Cr.—Sweetgrass	1	100	2.5	....	......	......
Ox Coulee—Dry Wolfe Cr.—Fergus	1	160	4.0	....	......	......
Ox Bow Cr.—Missouri R.—Lewis & Clark	1	150	3.8	....	......	......
Ox Bow Cr.—Sixteen Mile Cr.—Meagher	1	25	0.6	....	......	......
Ox Bow Cr.—Yellowstone R.—Sweetgrass	2	350	8.8	....	......	......
Oxotote Cr. .... Madison	1	a	......	....	......	......
P						
Pacer Coulee—Dry Wolfe Cr.—Fergus	3	600	15.0	....	......	......
Pacific Cr.—Davis Cr.—Cascade	3	600	15.0	....	......	......
Pack Cr.—Big Sandy Cr.—Chouteau	1	100	2.5	....	......	......
Rt. Fk. Pack Gl.—Pack Gl. (Lo Lo Cr.)—Missoula	1	288	7.2	....	......	......
Packer Cr.—St. Regis R.—Mineral	14	68,745§	1,718.6	....	......	......
E. Packer Cr.—Packer Cr.—Mineral	1	30	0.8	....	......	......
W. F. Packer Cr.—Packer Cr.—Mineral	1	540	13.5	....	......	......
N. F. W. F. Packer Cr.—W. F. Packer Cr.—Mineral	5	2,100§	52.5	....	......	......
Padden Draw—Tie Cr.—Fallon	1	500	12.5	....	......	......
Paddy Gulch—Powder R.—Custer	1	480	12.0	....	......	......
Paddy's Run Cr.—N. F. Sixteen Mile Cr.—Gallatin	1	all	......	....	......	......
Pagan Gulch—Little Prickly Pear Cr.—Lewis & Clark		See Piegan Cr.				
Page Cr.—Warm Spring Cr.—Fergus	1	120	3.0	....	......	......
Paget Cr.—Otter Cr.—Custer	1	400	10.0	....	......	......
Pain Coulee—Belt Cr.—Cascade	1	†	......	....	......	......
Paines Slough—Bozeman Cr.—Gallatin		See Payne Slough Creek.				
Painted Robe Cr.—Musselshell R.—Stillwater, Musselshell	13	†4,810§	120.2	....	......	......
Painter Cr.—Horse Prairie Cr.—Beaverhead	6	1,660	46.5	7	1,127	28.2
E. F. Painter Cr.—Painter Cr.—Beaverhead	..	....	......	1	190	4.8
N. F. Painter Cr.—Painter Cr.—Beaverhead	1	400	10.0	....	......	......
S. F. Painter Cr.—Painter Cr.—Beaverhead	1	600	15.0	....	......	......
Pale Cr.—Bear Cr.—Park	2	325	8.1	....	......	......
Palener's Cr. .... Dawson	1	400	10.0	....	......	......
Palmentor Cr.—Kootenai R.—Lincoln		See Parmentor Creek.				
Palmer Cr.—Barrett Cr.—Beaverhead	1	240	6.0	....	......	......
Palmer Cr.—Bear Cr.—Park	9	1,115§	27.9	....	......	......
E. F. Palmer Cr.—Palmer Cr.—Park	2	30	0.8	....	......	......
Palmer Cr.—Yellowstone R.—Park	1	200	5.0	....	......	......
Palmer Cr.—Yellowstone R.—Sweetgrass	2	200	5.0	....	......	......
Palmer Cr.—Brazil Cr.—Valley	1	320	8.0	....	......	......
Panhandle Coulee—Little Snake Cr.—Valley	1	500	12.5	....	......	......
Pannen Cr.—Big Blackf't R.—Lewis & Clark	1	1,000	25.0	....	......	......
Panton Coulee—Arrow Cr.—Chouteau	3	†620	15.5	....	......	......
Panton Coulee .... Valley	1	600	15.0	....	......	......
Papoose Cr.—Prickly Pear Cr.—Jefferson	3	250	6.2	....	......	......
Papoose Cr.—Madison R.—Madison	4	4,850	121.2	....	......	......
Papoose Gulch—Prickly Pear Cr.—Jefferson		See Papoose Creek.				
Papose Cr.—Rock Cr.—Valley	1	4,000	100.0	....	......	......
N. E. F. Para Gulch—Para Gulch (9 Mile Cr.)—Missoula	1	500	12.5	....	......	......
Parallel Cr.—Milk R.—Blaine	39	38,600§	965.0	15	†	......
E. F. Parallel Cr.—Parallel Cr.—Blaine	4	†320§	8.0	....	......	......
W. F. Parallel Cr.—Parallel Cr.—Blaine	2	800	20.0	....	......	......
Park Cr.—Bull Cr.—Beaverhead	1	320	8.0	....	......	......
Park Cr. .... Cascade	1	30	0.8	....	......	......
Park Cr.—Birch Cr.?—Chouteau	1	600	15.0	....	......	......
Park Cr.—Stonewall Cr.—Lewis & Clark	1	200	5.0	....	......	......
Park Cr. .... Madison	2	†400	10.0	....	......	......
Park Cr.—Eagle Cr.—Meagher	4	760	19.0	....	......	......
Park Cr.—Newlan Cr.—Meagher	1	50	1.2	....	......	......
Park Cr.—Spring Gulch—Mineral	6	†400§	10.0	....	......	......

a—One filing of 250 acre-feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Park Cr.—Big Blackfoot R.—Powell	2	1,200	30.0	....	......	......
Park Cr.—Yankee Doodle Gl.—Silver Bow	1	400	10.0	....	......	......
Parks Gulch—Seven Mile Cr.—Lewis & Clark	6	†608§	15.2	....	......	......
Park Gulch—Big Hole R.—Madison	1	30	0.8	....	......	......
Park Gulch—Spring Gulch—Mineral		See Park Creek.				
Park Gulch—Dog Cr.—Powell	1	all	......	....	......	......
Park Gulch—Yellowstone R.—Sweetgrass		See Deadman Creek.				
Park Canyon Cr.—Silver Bow Cr.—Sil. Bow		See Elk Park Canyon Cr.				
Park Canyon Cr.—Yellowstone R.—Sweetgr's	1	160	4.0	....	......	......
Park Cr. Canyon—Blacktail Cr.—Silver Bow	1	†	......	....	......	......
Park Lake Cr.—Yellowstone R.—Park	1	150	3.8	....	......	......
Park Street Gulch—Wm. Springs Cr.—Fergus	1	25	0.6	....	......	......
Parker's Canyon—Mill Cr.—Deer Lodge	1	300	7.5	....	......	......
Parker Coulee—Trout Cr.?—Blaine	1	150	3.8	....	......	......
Parker Coulee—Pondera Coulee—Teton	2	400	10.0	....	......	......
Parker Cr.—Flathead Lake—Flathead	2	80	2.0	....	......	......
Parker Cr.—E. Gallatin R.—Gallatin	1	10	0.2	....	......	......
Parmenter Cr.—Kootenai R.—Lincoln	12	†292,950	7,328.3	....	......	......
Parr's Cr.—McDonald Cr.—Fergus	1	100	2.5	....	......	......
Parrott Coulee—Little Wm. Spg. Cr.—Blaine	3	500	12.5	....	......	......
Parrott Cr.—Musselshell R.—Musselshell	9	3,220§	80.5	....	......	......
Parrott Cr.—Douglas Cr.—Deer Lodge	1	250	6.2	....	......	......
Parsnip Cr.—Kootenai R.—Lincoln	1	280	7.0	....	......	......
Parson Cr.—Shonkin Cr.—Chouteau	1	80	2.0	....	......	......
Parson Slough—Jefferson R.—Madison	1	500	12.5	....	......	......
Parson's Grove Cr.—Middle Cr.—Gallatin	1	75	1.9	....	......	......
Partridge Coulee—Alkali Cr.—Valley	2	480	12.0	....	......	......
Pass Cr.—Medicine Lodge Cr.—Beaverhead	1	160	4.0	....	......	......
Pass Cr.—Little Big Horn R.—Big Horn	3	1.480	37.0	....	......	......
E. Pass Cr.—Pass Cr.—Big Horn	1	200	5.0	....	......	......
Pass Cr.—Mizpah Cr.—Custer	1	500	12.5	....	......	......
Pass Cr.—Powder R.—Custer	1	2,000	50.0	....	......	......
Pass Cr.—Pumpkin Cr.—Custer	1	500	12.5	....	......	......
*Pass Cr.—Dry Cr.—Gallatin	10	†2,700	67.5	....	......	......
Pass Cr.—Trail Cr.—Park	1	160	4.0	....	......	......
Pass Cr.—Divide Cr.—Silver Bow	1	300	7.5	....	......	......
Passamari R. (or Valley)—Beaverhead R.—Madison		See Ruby River.				
Pasture Cr. ... Custer	2	2,500	62.5	....	......	......
Pasture Cr.—Tusler Cr.—Dawson	4	12,600	315.0	....	......	......
Pat Cr.—Little Powder R.—Custer	2	600	15.0	....	......	......
Pat Cr.—Hell Gate R.—Missoula	3	250§	6.2	....	......	......
Patrean's Cr.—Clear Cr.?—Blaine	1	100	2.5	....	......	......
Pattee Cr.—Bitterroot R.—Missoula	8	865§	21.6	....	......	......
E. F. Pattee Cr.—Pattee Cr.—Missoula	1	1,280	32.0	....	......	......
N. Br. Pattee Cr.—Pattee Cr.—Missoula	1	100	2.5	....	......	......
S. F. Pattee Cr.—Pattee Cr.—Missoula	1	1,280	32.0	....	......	......
Patterson Coulee—Shonkin Cr.—Chouteau	1	200	5.0	....	......	......
Patterson Coulee—Muddy Cr.—Teton	1	400	10.0	....	......	......
Patterson Cr.—Mud Cr.—Fallon	1	200	5.0	....	......	......
Patterson Cr.—Yellowstone R.—Rosebud	1	500	12.5	....	......	......
Patterson Gulch—Rocky Fork—Carbon	1	100	2.5	....	......	......
Paul Cr.—Fall Cr.—Cascade	2	230	5.8	....	......	......
Pauley Cr.—Duck Cr.—Broadwater	2	60	1.5	....	......	......
Paynes Gulch ... Missoula	1	1,000	25.0	....	......	......
Payne Slough Cr.—Bozeman Cr.—Gallatin	2	1,300	32.5	....	......	......
Payres Coulee—Red R.—Teton	1	200	5.0	....	......	......
Pear Coulee—Dry Lake—Toole		See Alkali Flat Coulee.				
Pear Gulch—Boulder R.—Jefferson	1	148	3.7	....	......	......
Pear Lake—Birch Cr.—Beaverhead		See Birch Creek.				
Pearson Coulee—Marias R.—Teton	1	80	2.0	....	......	......
Pearson Coulee—Red R.—Teton	1	200	5.0	....	......	......
Pearsons Cr.—Hanging Woman Cr.—Rosebud	1	300	7.5	....	......	......
Peat Cr.—Red Rock R.—Beaverhead	5	2,680	67.0	....	......	......
Peays Gulch—Little Powder R.—Custer	1	1,243	31.1	....	......	......
Peddy Cr.—Missoula R.—Missoula		See Petty Creek.				
Pedie Cr.—Missoula R.—Missoula		See Petty Creek.				
Peers Coulee—Willow Cr.—Toole	1	100	2.5	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Peer Cr.—Flint Cr.—Granite	1	100	2.5	....	......	......
Peg Coulee—Pondera Coulee—Toole	1	600	15.0	....	......	......
Pellew Cr.—Jocko R.—Missoula	2	4,400	110.0	....	......	......
Pend O Reille—Flint Cr.—Granite		See Little Trout Creek.				
Pend D'Oreille R.—Clark Fk. of Columbia R.—Flathead, Missoula, Sanders		See Flathead River.				
Penfold Coulee—Little Otter Cr.—Cascade	1	100	2.5	....	......	......
Pennell Cr.—O'Fallon Cr.—Fallon	10	5,460§	136.5	....	......	......
Dry Fork Penel Cr.—Pennell Cr.—Fallon	1	300	7.5	....	......	......
Pennsylvania Gulch—French Gl.—D. Lodge	1	all	......	....	......	......
Penn Yan Cr.—Spring Cr.—Jefferson	1	300	7.5	....	......	......
Peno Coulee—Sun R.—Teton	1	200	5.0	....	......	......
*Peoples Cr.—Milk R.—Blaine	71	103,465§	2,586.6	....	......	......
Bear Paw Branch Peoples Cr.—Peoples Cr.—Blaine		See Peoples Creek.				
N. F. Peoples Cr.—Peoples Cr.—Blaine	1	200	5.0	....	......	......
S. F. N. F. Peoples Cr.—N. F. Peoples Cr.—Blaine	1	20,000	500.0	....	......	......
S. F. Peoples Cr.—Peoples Cr.—Blaine	8	570	14.2	....	......	......
S. W. Br. Peoples Cr.—Peoples Cr.—Blaine	14	1,035	25.9	....	......	......
Pepin Cr.—Sage Cr.—Fergus	1	250	6.2	....	......	......
Perdee Cr.—Deer Lodge R.—Silver Bow, Deer Lodge	2	200	5.0	....	......	......
Perkins Coulee—Dupuyer Cr.—Teton	1	200	5.0	....	......	......
Perkins Cr.—Bridger Cr.—Gallatin	1	500	12.5	....	......	......
Perkins Cr.—Fleshman Cr.—Park	4	450	11.2	8	†475	11.9
Perkins Cr.—Hell Gate R.—Powell	1	25	0.6	....	......	......
Perkins Gulch—Cottonwood Cr.—D. Lodge	1	160	4.0	....	......	......
Perrault Cr.—Nine Mile Cr.—Missoula		See Perrault Gulch.				
Perrault Gulch—Nine Mile Cr.—Missoula	5	2,020	50.5	....	......	......
Perriman Cr.—Hell Gate R.—Powell		See Perryman Creek.				
Perry Canon .... Madison	1	50	1.2	....	......	......
Perry's Coulee—Red R.—Toole	2	800	20.0	....	......	......
Perry Coulee .... Valley	1	80	2.0	....	......	......
Perry Cr.—Big Dry Cr.—Dawson	1	100	2.5	....	......	......
Perry Cr.—O'Keefe Cr.—Missoula	1	all	......	....	......	......
Perrys Cr. (or Run)—Moose Cr.—Silver Bow	4	10,900	272.5	....	......	......
Perryman Cr.—Hell Gate R.—Powell	5	†300	7.5	....	......	......
Person Cr.—Tongue R.—Big Horn	5	3,500	87.5	....	......	......
S. F. Person Cr.—Person Cr.—Big Horn	1	1,000	25.0	....	......	......
Pete's Canyon .... Carbon	1	50	1.2	....	......	......
Pete Cr.—Jefferson R.—Madison	1	100	2.5	....	......	......
Pete's Gulch—Yellowstone R.—Rosebud	1	1,000	25.0	....	......	......
Pete Edwards Gulch—Cherry Cr.—Madison	1	40	1.0	....	......	......
Pete Garland Gulch—Spring Cr.—Jefferson	1	100	2.5	....	......	......
Peters Coulee—Peoples Cr.—Blaine	1	160	4.0	....	......	......
Peters Coulee—Dry Lake—Toole	1	200	5.0	....	......	......
Peters Gulch .... Jefferson	2	†200	5.0	....	......	......
Peter McCallum Coulee—Dry Lake—Toole	1	160	4.0	....	......	......
Peterman Coulee—Teton R.—Chouteau	1	1,000	25.0	....	......	......
Peterman Coulee—Milk R.—Valley	1	600	15.0	....	......	......
Peterson Coulee—Box Elder Cr.—Cascade	2	180	4.5	....	......	......
Peterson Coulee—Little Otter Cr.—Cascade		See Peterson Creek.				
Peterson Coulee .... Rosebud	1	20	0.5	....	......	......
Peterson Coulee—Dry Lake—Toole	1	800	20.0	....	......	......
Peterson Cr.—Red Rock R.—Beaverhead	10	1,480	37.0	....	......	......
Peterson Cr.—Little Otter Cr.—Cascade	2	250	6.2	....	......	......
Peterson Cr.—Pike Cr.—Fergus	1	160	4.0	....	......	......
Peterson Cr.—Ruby R.—Madison	1	all	......	....	......	......
Peterson Cr.—Deer Lodge R.—Powell	12	†4,150	103.8	22	1,230	30.8
N. F. Peterson Cr.—Peterson Cr.—Powell	1	all	......	....	......	......
Peterson Cr.—Canyon Cr.—Ravalli	1	800	20.0	....	......	......
Petersons Cr.—Yellowstone R.—Rosebud	1	100	2.5	....	......	......
Peterson Cr.—Upper Deer Cr.—Sweetgrass	1	100	2.5	....	......	......
Pettigrew Coulee—Dry Lake—Toole	1	160	4.0	....	......	......
Petty Cr.—Missoula R.—Missoula	9	27,300	682.5	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
E. F. Petty Cr.—Petty Cr.—Missoula	1	150	3.8	....	......	......
N. F. E. F. Petty Cr.—E. F. Petty Cr.—Missoula	1	500	12.5	....	......	......
W. F. Petty Cr.—Petty Cr.—Missoula	4	1,275	31.9	....	......	......
Pew Draw—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Pfeiffler Lake—Sheep Cr.—Teton	1	200	5.0	....	......	......
Philips Coulee—Milk R.—Toole	1	400	10.0	....	......	......
Phillips Cr.—Little Dry Cr.—Dawson	1	300	7.5	....	......	......
S. Phillips Cr.—Phillips Cr.—Dawson	1	432	10.8	....	......	......
Phillips Cr.—Kootenai R.—Lincoln	8	†9,150§	228.8	....	......	......
S. F. Phillips Cr.—Phillips Cr.—Lincoln	1	80	2.0	....	......	......
Phillipine Coulee—Cottonwood Cr.—Hill	1	400	10.0	....	......	......
Phin Cr. Custer	2	2,000	50.0	....	......	......
Pichette Gulch—Cedar Cr.—Mineral	1	100	2.5	....	......	......
Pickadilla Coulee—Willow Cr.—Toole		See Pickadilly Coulee.				
Pickadilly Coulee—Willow Cr.—Toole	7	3,500	87.5	....	......	......
Pickett Cr.—Grasshopper Cr.—Beaverhead	..	....	......	1	† §	......
Pickfoot Cr.—Camas Cr.—Meagher	2	450	11.2	....	......	......
N. F. Pickfoot Cr.—Pickfoot Cr.—Meagher	1	140	3.5	....	......	......
Picknick Gulch—Mud Cr.—Meagher	1	80	2.0	....	......	......
Picnic Cr.—Elk Cr.—Beaverhead	2	530	13.2	....	......	......
Picnic Cr.—Horse Prairie Cr.—Beaverhead	1	1,000	25.0	....	......	......
Picnic Gulch—Prickly Pear Cr.—Jefferson	5	260	6.5	....	......	......
Picture Coulee—Little Otter Cr.—Cascade	2	1,100§	27.5	....	......	......
Piegan Cr.—Little Prickly Pear Cr.—Lewis & Clark	6	†650§	16.2	....	......	......
Piegan Gulch—Little Prickly Pear Cr.—Lewis & Clark		See Piegan Creek.				
Forks of Piegan Cr. or Gulch—Piegan Cr.—Lewis & Clark		See Drinkwater Creek.				
Pierce Cr.—W. F. Bitterroot R.—Ravalli	1	100	2.5	....	......	......
Pierre Cr.—Wm. Springs Cr.—Sanders	1	80	2.0	....	......	......
Pierson Coulee—Big Cottonwood Cr.—Valley	1	200	5.0	....	......	......
Pierson Cr.—Big Blackfoot R.—Powell	1	300	7.5	....	......	......
Piet Cr.—Lone Tree Cr.—Fallon	1	800	20.0	....	......	......
Pike Coulee—Dry Fk. Willow Cr.—Toole	1	300	7.5	....	......	......
Pike Cr.—Big Spring Cr.—Fergus	10	1,345§	33.6	....	......	......
Pike Cr.—Flatwillow Cr.—Fergus	12	2,480§	62.0	....	......	......
Pikes Cr.—Warm Springs Cr.—Fergus	2	510	12.8	....	......	......
Pikes Peak Cr.—Gold Cr.—Powell	14	†4,990	124.8	....	......	......
E. F. Pikes Peak Cr.—Pikes Pk. Cr.—Powell	1	200	5.0	....	......	......
W. F. Pikes Peak Cr.—Pikes Peak Cr.—Gr'ite	1	240	6.0	....	......	......
Pikes Peak Gulch—Gold Cr.—Powell		See Pikes Peak Cr.				
Pilcher Cr.—Rattlesnake Cr.—Missoula	1	24	0.6	....	......	......
Pilgrim Cr.—Belt Cr.—Cascade	5	16,100	402.5	....	......	......
N. Br. Pilgrim Cr.—Pilgrim Cr.—Cascade	1	432	10.8	....	......	......
Pilgrim Cr.—Powder R.—Custer	3	a 7,000	175.0	....	......	......
Dry Pilgrim Cr.—Pilgrim Cr.?—Custer	1	1,000	25.0	....	......	......
Pilgrim Cr.—Clark Fork of Columbia R.—Sanders	9	2,520§	63.0	....	......	......
Pilgrim Gl.—Blue Cloud Gl.—Lewis & Clark	1	50	1.2	....	......	......
Pilgrim Gl.—Yankee Doodle Cr.—Silver Bow	1	80	2.0	....	......	......
Pinch Out Cr.—N. F. Musselshell R.—Meagher	1	50	1.2	....	......	......
Pine Coulee—Clear Cr.—Blaine	3	210	5.2	....	......	......
Pine Cr.—Bloody Dick Cr.—Beaverhead	3	†700	17.5	5	1,204	30.1
Pine Cr.—Trapper Cr.—Beaverhead	2	†	......	....	......	......
E Pine Cr.—Tullock Cr.?—Big Horn?	1	all	......	....	......	......
W. Pine Cr.—Tullock Cr.?—Big Horn?	1	all	......	....	......	......
Pine Cr.—Arrow Cr.—Cascade	4	700	17.5	....	......	......
N. Br. Pine Cr.—Pine Cr.—Cascade	1	50	1.2	....	......	......
Pine Cr.—Little Powder R.—Custer	3	2,400	60.0	....	......	......
Pine Cr.—O'Fallon Cr.—Custer	3	2,000	50.0	....	......	......
Pine Cr.—Powder R.—Custer	1	1,500	37.5	....	......	......
Pine Cr.—Yellowstone R.—Custer	2	1,500	37.5	....	......	......
Pine Cr.—Little Beaver Cr.—Fallon	1	500	12.5	....	......	......
Pine Cr.—Pleasant Valley Lake—Flathead	1	350	8.8	....	......	......
Pine Cr.—E. Gallatin R.—Gallatin	4	1,067	26.8	....	......	......

a—Add 258.9 acre-feet.

†Add to filings amounts not given.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Pine Cr.—Wolfe Cr.?—Lewis & Clark......	1	†	......	....	......	......
Pine Cr.—Kootenai R.—Lincoln	2	1,500	37.5	....	......	......
Pine Cr.—Comb Cr.—Meagher	1	160	4.0	....	......	......
Pine Cr.—Nine Mile Cr.—Missoula	7	4,800	120.0	....	......	......
E. F. Pine Cr.—Pine Cr.—Missoula	1	500	12.5	....	......	......
Pine Cr.—Bear Cr.—Park	4	1,200	30.0	....	......	......
*Pine Cr.—Rock Cr.—Park	1	50	1.2	....	......	......
Pine Cr.—Tom Miner Cr.—Park	4	720	18.0	3	420	10.5
Pine Cr.—Trail Cr.—Park	5	720	18.0	....	......	......
Pine Cr.—Yellowstone R.—Park	23	18,322	458.0	2	3,337	83.4
Pine Cr.—Bitterroot R.—Ravalli	1	100	2.5	....	......	......
Pine Cr.—Little Bitterroot R.—Sanders......	2	320	8.0	....	......	......
Pine Cr.—Silver Bow Cr.—Silver Bow.......	1	50	1.2	....	......	......
Pine Cr.—Big Coulee Cr.—Yellowstone......	1	80	2.0	....	......	......
Pine Gulch—Bitterroot R.—Ravalli	1	500	12.5	....	......	......
Pine Hollow—Bitterroot R.—Missoula	3	30	0.8	....	......	......
Pine Lake ....Flathead	1	20,000	500.0	....	......	......
Pine Lakes ....Madison	1	†	......	....	......	......
Pine Butte Cr.—Junction Cr.—Beaverhead..		See Butte Creek.				
Pine Coulee Cr.—E. Hound Cr.—Meagher, Cascade	1	100	2.5	....	......	......
Pine Grove Cr.—Hell Gate R.—Granite	3	250	6.2	....	......	......
Pine Gulch Cr.—Divide Cr.—Silver Bow.....	1	50	1.2	....	......	......
Pine Ridge Cl.—Dry Fk. of Marias R.—Teton	1	200	5.0	....	......	......
Pine Tree Coulee—Weed Cr.—Rosebud......		See Grote Coulee.				
Pine Tree Coulee—Deep Cr.—Teton.........	2	800	20.0	....	......	......
Pine Tree Gulch—Cow Cr.—Ravalli.........	1	all	......	....	......	......
Piney Cr.—Sage Cr.—Carbon	11	2,044	51.1	5	580	14.5
Pings Coulee—Pondera Coulee—Teton......	1	500	12.5	....	......	......
Pinkham Cr.—Kootenai R.—Lincoln	9	†129,040	3,226.0	....	......	......
Pintler Cr.—Big Hole R. (T. 1 N.)—B'head	48	23,320	583.0	....	......	......
Pintler Cr.—Big Hole R. (T. 4S.)—B'head..	2	480	12.0	....	......	......
Pinto Cr.—Powder R.—Custer	2	2,500	62.5	....	......	......
E. Pinto Cr.—Pinto Cr.—Custer	1	1,000	25.0	....	......	......
Pinto Cr.—Little Blackfoot R.—Powell......	1	200	5.0	....	......	......
Pioneer Cr.—Ruby Cr.—Beaverhead	11	†8,600	215.0	....	......	......
Pioneer Gulch—Pikes Peak Cr.—Powell.....	5	†500	12.5	....	......	......
Pioneer Gulch—Blacktail Cr.—Silver Bow...	4	†1,000§	25.0	....	......	......
Pipe Cr.—Kootenai R.—Lincoln	7	15,600	390.0	....	......	......
Pipe Line Gulch—Beaverhead R.—Beav'rhead	1	200	5.0	....	......	......
*Pipestone Cr.—Jefferson R.—Jefferson.....	43	†43,793§	1,094.8	32	2,697	67.4
Pipestone Cr. ....Madison	1	†	......	....	......	......
Pique Cr.—E. F. Yakt R.—Lincoln	1	6,000	150.0	....	......	......
Piquet Cr.—Flint Cr.—Granite	1	40	1.0	....	......	......
Piser Cr.—Pondera Coulee—Chouteau.......	5	760	19.0	....	......	......
Pishkun Reservoir—Sun R.—Teton	2	120,000	3,000.0	....	......	......
Pistol Cr.—Long Cr.—Beaverhead	1	200	5.0	....	......	......
Pitcher Cr.—E. Gallatin R.—Gallatin	1	50	1.2	....	......	......
Pitney Cr.—W. F. Bitterroot R.—Ravalli....	1	160	4.0	....	......	......
Pittsburgh Cr.—Cherry Cr.?—Madison.......	1	100	2.5	....	......	......
P. K. Cr.—Hanging Woman Cr.—Custer.....	1	400	10.0	....	......	......
Place Cr.—Beasley Cr.—Gallatin	1	50	1.2	....	......	......
Placer Cr.—Red Rock R.—Beaverhead	2	1,160	29.0	....	......	......
Placer Gulch—Sand Cr.—Silver Bow	1	50	1.2	....	......	......
Placid Cr.—Clearwater R.—Missoula	1	† ......§	......	....	......	......
Plath Coulee—Sun R.—Cascade	1	160	4.0	....	......	......
Platt Coulee—Mud Cr.—Fergus	1	200	5.0	....	......	......
Plenty Coulee—Cherry Cr.—Dawson	1	800	20.0	....	......	......
Plentywood Cr.—Big Muddy Cr.—Sheridan..	5	4,960	124.0	....	......	......
Plourde Cr.—Mullan Gulch—Mineral	1	200	5.0	....	......	......
P. L. S. Cr.—Tongue R.—Rosebud	1	400	10.0	....	......	......
Plug Cr.—Smith R.—Meagher	1	200	5.0	....	......	......
Plum Coulee—Yellowstone R.—Custer	5	2,300	57.5	....	......	......
Plum Coulee—Missouri R.—Richland	1	400	10.0	....	......	......
Plum Coulee—Shot Gun Cr.—Sheridan	1	400	10.0	....	......	......
Plum Cr.—Pryor Cr.—Big Horn, Y'l'wstone	1	all	......	....	......	......
Plum Cr.—Little Powder R.—Custer	3	2,000	50.0	....	......	......
Plum Cr.—Powder R.—Custer	2	5,500	137.5	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Plum Cr.—Little Beaver Cr.—Fallon	3	2,200	55.0	....	......	......
Plum Cr.—Little Missouri R.—Fallon (T. 2 S.)	2	720	18.0	....	......	......
Plum Cr.—Little Missouri R.—Fallon (T. 6 S.)	2	1,500	37.5	....	......	......
Plum Cr.—Judith R.—Fergus	20	4,520	113.0	....	......	......
E. F. Plum Cr.—Plum Cr.—Fergus	1	200	5.0	....	......	......
Plum Patch Coulee—Telegraph Cr.—Valley	2	600	15.0	....	......	......
Plumb Cr. ... Carbon	1	40	1.0	....	......	......
Plymouth Rock Gl.—Blacktail Cr.—Sil. Bow	1	200	5.0	....	......	......
Poinceton Cr.—Boulder Cr.—Granite	1	200	5.0	....	......	......
Poison Cr.—Rock Cr.—Granite	1	800	20.0	....	......	......
Poison Cr.—Fish Cr.—Jefferson	1	160	4.0	....	......	......
Poison Cr.—Yellowstone R.—Park	8	810	20.2	....	......	......
Poison Hollow Cr.—Dry Cr.—Gallatin	2	100	2.5	....	......	......
Poisoned Oak Cr.—Post Cr.—Missoula	1	160	4.0	....	......	......
Poker Jim Cr.—Tongue R.—Rosebud	4	2,000	50.0	....	......	......
Poker Jim Gulch—Powder R.—Custer	3	1,800	45.0	....	......	......
Pole Cr.—Grasshopper Cr.—Beaverhead	5	†900§	22.5	3	650	16.2
Pole Cr.—Beaver Cr.—Broadwater	3	250	6.2	2	†65	1.6
S. F. Pole Cr.—Pole Cr.—Broadwater	3	275	6.9	2	†25	0.6
Pole Cr.—N. F. Sheep Cr.—Cascade	4	300	7.5	....	......	......
Pole Cr.—Cherry Cr.—Madison	4	†10,050	251.2	....	......	......
Pole Cr.—Sixteen Mile Cr.—Meagher	1	50	1.2	....	......	......
Pole Cr.—Smith R.—Meagher	2	1,000	25.0	....	......	......
Pole Cr.—Musselshell R.—Musselshell	10	1,760	44.0	....	......	......
Pole Cr.—Cottonwood Cr.—Powell	1	200	5.0	1	50	1.2
Pole Cr.—Rock Cr.—Stillwater	1	160	4.0	....	......	......
Pole Gulch ... Blaine?	1	40	1.0	....	......	......
N. F. Pole Gulch—Pole Gulch—Blaine?	1	100	2.5	....	......	......
Pole Gulch—Beaver Cr.—Broadwater		See Pole Creek.				
Pole Gulch—Missouri R.—Gallatin	1	400	10.0	....	......	......
Pole Canyon Cr.—Grasshopper Cr.—B'head	1	320	8.0	....	......	......
Pole Canyon Cr.—Pipestone Cr.—Jefferson	2	110	2.8	....	......	......
Police Coulee—Sage Cr.—Hill	10	2,820	70.5	....	......	......
Pollywog Cr.—Suction Cr.—Chouteau	1	100	2.5	....	......	......
Pomeroy's Gulch ... Jefferson	1	all	......	....	......	......
Pompeys Pillar Cr.—Yellowstone R.—Y'stone	4	1,140§	28.5	....	......	......
Pond Cr.—Rattlesnake Cr.—Beaverhead	1	320	8.0	....	......	......
Pond Cr.—Tongue R.—Big Horn	2	3,000	75.0	....	......	......
Pond Draw—Sheep Cr.—Custer	1	100	2.5	....	......	......
Pondaray Cr.—Little Blackfoot R.—Powell	1	†	......	....	......	......
Pondera Coulee—Marias R.—Teton, Hill, Chouteau	47	26,311§	657.8	....	......	......
Levitt Br. Pondera Coulee—Pondera Coulee—Teton	2	400	10.0	....	......	......
M. F. Pondera Coulee—Pondera Cl.—Teton	1	1,000	25.0	....	......	......
N. F. Pondera Coulee—Pondera Cl.—Teton	11	6,340§	158.5	....	......	......
S. F. Pondera Coulee—Pondera Cl.—Teton	16	7,380§	184.5	....	......	......
W. F. Pondera Coulee—Pondera Cl.—Teton	1	400	10.0	....	......	......
Pondera Cr.—Marias R.—Teton, Chouteau Hill		See Pondera Coulee.				
Poney Canyon—Little Whitetail Cr.—J'ferson	1	30	0.8	....	......	......
Ponsonby Cr.—Trapper Cr.—Beaverhead	1	120	3.0	....	......	......
Pony Cr.—N. Willow Cr.—Madison	17	†4,225	105.6	....	......	......
Pony Cr.—Rosebud R.—Rosebud	1	200	5.0	....	......	......
Pony Gulch—N. Willow Cr.—Madison		See Pony Creek.				
Pony Ranger Station Cr.—S. Willow Cr.?—Madison	1	200	5.0	....	......	......
Pool Cr.—E. Hound Cr.—Cascade	1	50	1.2	....	......	......
Poole Cr.—Medicine Lodge Cr.—Beaverhead	6	2,980	74.5	2	255	6.4
Poor Gulch—Muskrat Cr.—Jefferson	1	20	0.5	....	......	......
Poor Man Cr.—Big Bl'foot R.—Lewis & Clark		See Poorman Creek.				
Poor Man's Cr.—Libby Cr.—Lincoln		See Poorman Creek.				
Poorman Cr.—Big Bl'foot R.—Lewis & Clark	21	†8,074§	201.8	....	......	......
N. F. Poorman Cr.—Poorman Cr.—Lewis & Clark	4	1,365	34.1	....	......	......
S. F. Poorman Cr.—Poorman Cr.—Lewis & Clark	4	700	17.5	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
N. F. S. F. Poorman Cr.—Poorman Cr.—Lewis & Clark	1	30	0.8	....	......	......
Poorman Cr.—Libby Cr.—Lincoln	4	†5,600	140.0	....	......	......
Poorman Gl.—Big Bl'foot R.—Lewis & Clark		See Poorman Creek.				
Poor Mann Cr.—Big B'foot R.—Lewis & Clark		See Poorman Creek.				
Poplar Coulee—Poplar R.—Sheridan	2	1,120	28.0	....	......	......
Poplar Cr.—Dearborn R.—Lewis & Clark	1	500	12.5	....	......	......
Poplar Cr.—Clark Fork of Columbia R.—Sanders	1	2,500	62.5	....	......	......
*Poplar Cr. (or R.)—Missouri R.—Sheridan	16	353,896§	8,847.4	....	......	......
E. F. Poplar Cr.—Poplar R.—Sheridan	18	24,574§	614.4	....	......	......
M. F. Poplar Cr.—Poplar R.—Sheridan	12	21,888	547.2	....	......	......
W. F. Poplar Cr.—Poplar R.—Valley Sheridan	8	9,585	239.6	....	......	......
Poplar Cr.—Miners Coulee—Toole	1	60	1.5	....	......	......
Poplar Gulch—Divide Cr.?—Silver Bow	1	50	1.2	....	......	......
Poplar Grove Cr.—Yankee Doodle Cr.—Silver Bow	3	170	4.2	....	......	......
Poplar Spg. Cr.—Flathead Lake—Flathead	1	40	1.0	....	......	......
Porcupine Basin—Sixteen Mile Cr.—Gallatin	1	300	7.5	....	......	......
Porcupine Coulee—Frenchman Cr.—Sheridan	1	3,000	75.0	....	......	......
Porcupine Cr.—Clear Cr.—Blaine	1	40	1.0	....	......	......
Porcupine Cr.—E. Hound Cr.—Cascade	4	450§	11.2	....	......	......
N. F. Porcupine Cr.—Porcupine Cr.—Cascade	1	225	5.6	....	......	......
Porcupine Cr.—Little Powder R.—Custer	1	100	2.5	....	......	......
Porcupine Cr.—Sage Cr.—Fergus	1	100	2.5	....	......	......
Porcupine Cr.—W. Gallatin R.—Gallatin	..	....	......	2	187	4.7
Porcupine Cr.—Beaver Cr.—Lewis & Clark	3	†125	3.1	....	......	......
Porcupine Cr.—Lake Cr.—Lincoln	2	280	7.0	....	......	......
Porcupine Cr.—Cottonwood Cr.—Meagher	1	100	2.5	....	......	......
Porcupine Cr.—Sixteen Mile Cr.—Meagher	2	100	2.5	....	......	......
Porcupine Cr.—Smith Cr.—Park	14	4,780§	119.5	9	781	19.5
M. F. Porcupine Cr.—Porcupine Cr.—Park	5	455	11.4	....	......	......
Porcupine Cr.—Yellowstone R.—Rosebud		See Big Porcupine Creek.				
Porcupine Cr.—Fish Cr.—Sweetgrass	1	160	4.0	....	......	......
*Porcupine Cr.—Milk R.—Valley	4	3,000	75.0	....	......	......
Porcupine Draw—Box Elder Cr.—Fallon	1	†	......	....	......	......
Porcupine Hollow—Bull Hook Cr.—Hill	1	150	3.8	....	......	......
Porphyry Cr.—Ford's Cr.—Fergus	1	100	2.5	....	......	......
Portage Coulee—Missouri R.—Cascade	16	†49,854§	1,246.4	....	......	......
Porter Coulee ....Chouteau	1	800	20.0	....	......	......
Porter's Coulee—Muddy Cr.—Teton	1	80	2.0	....	......	......
Porter Cr.—Horse Cr.—Hill	4	680	17.0	....	......	......
Porter Cr.—Duffy Cr.—Silver Bow	2	1,000	25.0	....	......	......
Post Cr.—Tongue R.—Big Horn	1	200	5.0	....	......	......
Post Cr.—Powder R. (T. 5 S.)—Custer	1	3,000	75.0	....	......	......
Post Cr.—Powder R. (T. 8 S.)—Custer	3	3,040	76.0	....	......	......
Post Cr.—Tenderfoot Cr.—Meagher	2	225	5.6	....	......	......
*Post Cr.—Mission Cr.—Missoula	11	500,710§	12,517.8	....	......	......
Postill Cr.—Shonkin Cr.—Chouteau	1	80	2.0	....	......	......
Postlewaite Cr.—Moore Cr.?—Madison	5	†710	17.8	....	......	......
Potato Cr.—Fish Cr.—Sweetgrass	1	100	2.5	1	88	2.2
Pot Hole Cr.—Sun R.—Cascade	1	60	1.5	....	......	......
Pott Cr.—Chippewa Cr.—Fergus	1	100	2.5	....	......	......
Potter Coulee—Sixteen Mile Cr.—Meagher	3	†300§	7.5	....	......	......
Potter Cr.—Flatwillow Cr.—Fergus	4	760§	19.0	....	......	......
Potter Cr.—Shields R.—Meagher, Park	10	2,355§	58.9	1	400	10.0
Potut Coulee—Shot Gun Cr.—Sheridan	1	200	5.0	....	......	......
Poverty Coulee—Cottonwood Cr.—Hill	2	600	15.0	....	......	......
Poverty Cr.—Kootenai R.—Lincoln	1	100	2.5	....	......	......
Poverty Gulches—Ashby Cr.—Missoula	1	†	......	....	......	......
East Powder Coulee—Pondera Cl.—Chouteau	4	2,000	50.0	....	......	......
Powder Gulch—Silver Bow Cr.—Silver Bow	2	300	7.5	....	......	......
Powder Horn—Boulder R.—Jefferson	1	300	7.5	....	......	......
Powder R.—Yellowstone R.—Custer	72	†80,854§	2,021.4	....	......	......
Powder House Gulch—Brown's Gulch—Silver Bow	5	†765	19.1	....	......	......
Powell Coulee—Judith R.—Fergus	1	400	10.0	....	......	......
Powell Coulee—Frenchman Cr.—Valley	1	2,000	50.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Powell Coulee—Larb Cr.—Valley	1	600	15.0	....	......	......
Powell Cr.—Lake Cr.—Lincoln	1	4,000	100.0	....	......	......
Powell Cr.—Deer Lodge R.—Powell	19	†14,725§	368.1	3	100	2.5
Powell Cr.—Yellowstone R.—Yellowstone	3	†160	4.0	....	......	......
Powell Lake—Powell Cr.—Powell		See Powell Creek.				
Powell Shearing Pen Cl.—Milk R.—Valley	1	600	15.0	....	......	......
Powers Coulee—Belt Cr.—Cascade	1	100	2.5	....	......	......
E. Power Coulee—Pondera Coulee—Chouteau		See E. Powder Coulee.				
Powers Coulee—Pondera Coulee—Teton	1	200	5.0	....	......	......
Powers Coulee—Willow Cr.—Toole	2	4,000	100.0	....	......	......
Powers Cr.—Willow Cr.—Carbon	3	240§	6.0	....	......	......
Powers Cr.—Big Muddy Cr.?—Chouteau	1	160	4.0	....	......	......
Power Cr.—Race Track Cr.—Powell	1	3,000	75.0	....	......	......
Powers Cr.—Willow Cr.—Toole	3	560	14.0	....	......	......
Prairie Coulee—Big Muddy Cr.—Sheridan	1	320	8.0	....	......	......
Prairie Cr.—Powder R.—Custer	2	4,180	104.5	....	......	......
Prairie Cr.—Smith R.—Meagher	1	100	2.5	....	......	......
S. F. Prairie Cr.—Prairie Cr.—Meagher	1	100	2.5	....	......	......
Prairie Gulch—Peoples Cr.—Blaine	4	650	16.2	....	......	......
Prairie Gulch—Lost Cr.—Deer Lodge	3	†300§	7.5	....	......	......
Prairie Gulch—Big Spring Cr.—Fergus	1	250	6.2	....	......	......
Prairie Gulch ... Jefferson	2	300	7.5	....	......	.....
Prairie Dog Coulee—Lee Cr.—Rosebud	1	800	20.0	....	......	......
Prairie Dog Coulee—Reservation Cr.—R'bud	1	200	5.0	....	......	......
Prairie Dog Coulee—Yellowstone R.—R'bud	1	2,000	50.0	....	......	......
Prairie Dog Cr.—Bull Cr.—Big Horn	4	2,400	60.0	....	......	......
S. F. Prairie Dog Cr.—Prairie Dog Cr.—Big Horn	1	200	5.0	....	......	......
Prairie Dog Cr. ... Chouteau?	1	20,000	500.0	....	......	......
Prairie Dog Cr.—Little Powder R.—Custer	1	1,000	25.0	....	......	......
Prairie Dog Cr.—Pumpkin Cr.—Custer	1	400	10.0	....	......	......
Prairie Dog Cr.—Box Elder Cr.—Fallon	2	4,000	100.0	....	......	......
Prairie Dog Cr.—Rosebud R.—Rosebud	1	500	12.5	....	......	......
Prairie Dog Cr.—Rock Cr.—Stillwater	2	75	1.9	....	......	......
W. F. Prairie Dog Cr.—Prairie Dog Cr.—Stillwater	1	160	4.0	....	......	......
Prairie Elk Cr.—Missouri R.—Dawson	4	3,280§	82.0	....	......	......
Prarie Gulch—Lost Cr.—Deer Lodge		See Prairie Gulch.				
Prary Gulch—Lost Cr.—Deer Lodge		See Prairie Gulch.				
Pratt Coulee ... Dawson	1	120	3.0	....	......	......
Pratt Cr.—Tongue R.—Custer	2	2,000	50.0	....	......	......
Pratt Cr. ... Lincoln	1	40	1.0	....	......	......
Pratton Cr.—Stillwater R.—Stillwater	3	260	6.5	....	......	......
Preacher Gulch Cr.—Norwegian Cr.—Madison	1	80	2.0	....	......	......
Prentice Lake—Missouri R.—Valley	1	200	5.0	....	......	......
Prescott Lake—Rattlesnake Cr.—Missoula	1	1,728	432.0	....	......	......
Price Canon—Blacktail Deer Cr.—Beaverhead		See Price Creek.				
Price's Coulee—Willow Cr.—Toole	6	2,140	53.5	....	......	......
Price Cr.—Blacktail Deer Cr.—Beaverhead	2	†400	10.0	1	100	2.5
Price Cr.—Shonkin Cr.—Toole	1	120	3.0	....	......	......
Price Ditch—Deep Cr.—Park	1	†	......	....	......	......
Prices Gulch—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Price's Gulch—Silver Bow Cr.—Silver Bow	3	†360	9.0	....	......	......
Prices Butte Coulee—Marias R.—Toole	1	300	7.5	....	......	......
Prickly Pear Coulee—Big Cottonwood Cr.—Valley	1	20,000	500.0	....	......	......
*Prickly Pear Cr.—Missouri R.—Jefferson, Lewis & Clark	120	†52,704§	1,317.6	f 39	7,949	198.7
E. F. Prickly Pear Cr.—Prickly Pear Cr.—Jefferson, Lewis & Clark	10	†2,050§	51.2	....	......	......
Pride of Turah Cr.—Hell Gate R.—Missoula		See Turah Creek.				
Primrose Cr.—Ten Mile Cr.—Lewis & Clark	2	90§	2.2	....	......	......
Prince Cr.—Box Elder Cr.—Fallon	2	1,500	37.5	....	......	......
Princeton Gulch—Boulder Cr.—Granite	8	3,250	81.2	....	......	......
Pritchard Cr.—Miners Coulee—Toole	4	600	15.0	....	......	......

f—Federal decrees.

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
N. F. Pritchard Cr.—Pritchard Cr.—Toole...	6	710	17.8	....	......	......
S. F. Pritchard Cr.—Pritchard Cr.—Toole...	3	260	6.5	....	......	......
Proctor Cr.—Dayton Cr.—Flathead	2	†120	3.0	....	......	......
Proffit Cr.—Bridger Cr.—Gallatin	2	750	18.8	....	......	......
Promise Cr.—Ramme Cr.—Fallon	2	1,000	25.0	....	......	......
Prospect Cr.—Howard Cr.—Lincoln	1	500	12.5	....	......	......
Prospect Cr.—Libby Cr.—Lincoln	1	80	2.0	....	......	......
*Prospect Cr.—Clark Fk. of Columbia R.—Sanders	40	a518,270§	12956.8	....	......	......
Protection Cr.—Prospect Cr.—Sanders	1	100	2.5	....	......	......
Provan Cr.—Nine Mile Cr.—Missoula	1	300	7.5	....	......	......
Pruden Cr.—S. F. Dearborn—Lewis & Clark	1	150	3.8	....	......	......
Prue Cr.—Shonkin Cr.—Chouteau	1	40	1.0	....	......	......
Pruett Cr.—Jefferson R.—Madison	1	100	2.5	....	......	......
Pruitt Cr.—Fish Cr.—Sweetgrass		See Puett Creek.				
Pryde Gulch—Rocky Fork—Carbon	1	200	5.0	....	......	......
*Pryor Cr.—Yellowstone R.—Big Horn, Yellowstone	38	16,725§	418.1	....	......	......
E. Pryor Cr.—Pryor Cr.—Big Horn, Y'wstone	2	90	2.2	....	......	......
Puett Cr.—Fish Cr.—Sweetgrass	4	1,150	28.8	....	......	......
Pugsley Cr.—Eagle Cr.—Chouteau	1	200	5.0	....	......	......
Pullar Cr.—Rock Cr.—Granite	1	100	2.5	....	......	......
Pulliam Cr.—Bitterroot R.—Missoula	2	260	6.5	....	......	......
Pulman Cr.—Billman Cr.—Park	2	200	5.0	....	......	......
Pulsifer Cr.—Jefferson R.—Gallatin	1	320	8.0	....	......	......
Pumpkin Cr.—Tongue R.—Custer	16	70,880§	1,772.0	....	......	......
Putras Coulee—Box Elder Cr.?—Hill?......	1	80	2.0	....	......	......
Puzzle Gulch—Wasson Cr.—Powell	1	all	......	....	......	......
P. W. Coulee—Birch Cr.—Chouteau	1	320	8.0	....	......	......
Pyatt Cr.—Big Beaver Cr.—Sanders	1	100	2.5	....	......	......
Pyritees Cr. ....Beaverhead	1	all	......	....	......	......
Q						
Quaken Asp Couley—N. F. Musselshell R.—Meagher	1	100	2.5	....	......	......
Quakenasp Cr.—Bozeman Fork—Meagher...	1	75	1.9	....	......	......
Quakenasp Cr.—Sixteen Mile Cr.—Meagher..	1	100	2.5	....	......	......
Quaker Ash Hollow Cr.—Cinnabar Cr.—Park	1	40	1.0	....	......	......
Quaking Ash Cr.—Peoples Cr.?—Blaine......	1	200	5.0	....	......	......
Quaking Ash Cr..................Deer Lodge	1	100	2.5	....	......	......
Quaking Asp Cr.—Jefferson R.—Jefferson...	1	40	1.0	....	......	......
Quaking Asp Cr.—Harris Gulch—Madison...	4	1,825	45.6	....	......	......
Quaking Asp Cr.—Madison R.—Madison	2	520	13.0	....	......	......
Quaking Asp Cr.—N. Willow Cr.?—Madison	1	40	1.0	....	......	......
Quarrel Cr.—Missouri R.—Dawson	2	1,200	30.0	....	......	......
Quarry Coulee—Deep Cr.—Teton	1	400	10.0	....	......	......
Quarry Cr.—W. Gallatin R.—Gallatin	1	27	0.7	....	......	......
Quarry Cr.—Yellowstone R.—Park	1	50	1.2	....	......	......
Quartz Cr.—Flathead R.—Flathead	1	100,000	2,500.0	....	......	......
Quartz Cr.—Clancy Cr.—Jefferson	6	1,100	27.5	....	......	......
S. F. Quartz Cr.—Quartz Cr.—Jefferson	3	1,600	40.0	....	......	......
Quartz Cr.—Kootenai R.—Lincoln	2	21,000	525.0	....	......	......
Quartz Cr.—Missoula R.—Mineral	15	†12,900§	322.5	....	......	......
Right Fk. of Quartz Cr.—Quartz Cr.—Mineral	1	1,000	25.0	....	......	......
S. F. Quartz Cr.—Quartz Cr.—Mineral	2	800	20.0	....	......	......
Quartz Cr.—Clearwater R.?—Missoula	2	1,280	32.0	....	......	......
Quartz Cr.—Big Hole R.—Silver Bow........	2	2,000	50.0	....	......	......
Quartz Gulch—Rock Cr.—Granite	4	2,400	60.0	....	......	......
Quartz Gulch—Clancey Cr.—Jefferson		See Quartz Creek.				
Queen Cr.—Elkhorn Cr.—Jefferson	1	200	5.0	....	......	......
Queen Cr.—Dry Cr.—Mineral	1	400	10.0	....	......	......
Queen Cr.—Billman Cr.—Park	1	160	4.0	....	......	......
Queener Cr.—Rock Cr.—Granite	2	80	2.0	....	......	......
Queen of Hill Cr. ....Cascade	1	30	0.8	....	......	......
Quinn's Canyon (or Gulch)—Boulder R.—Jefferson	5	†1,100	27.5	....	......	......
Quinn Cr.—Billman Cr.—Park	2	280	7.0	....	......	......

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a—Add 600,000,000 gallons
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
R						
Rabbit Coulee—Dry Lake—Toole	3	†200	5.0	....	......	......
Rabbit Coulee—Bear Cr.—Valley	1	400	10.0	....	......	......
Rabbit Cr.—Tie Cr.—Fallon	1	500	12.5	....	......	......
Rabbit Cr.—Smith R. (T. 10 N.)—Meagher		See Spring Creek.				
Rabbit Cr.—Cedar Cr.—Mineral	3	1,750	43.8	....	......	......
Rabit Cr. ... Yellowstone	1	†	......	....	......	......
Rabitaille Cr.—Divide Cr.—Silver Bow	1	300	7.5	....	......	......
Race Cr. ... Gallatin	1	†	......	....	......	......
Race Horse Coulee—Flatwillow Cr.—Fergus	1	1,600	40.0	....	......	......
*Race Track Cr.—Deer Lodge R.—Granite-Powell	73	†169,476§	4,236.9	34	6,212	155.3
L. F. Race Track Cr.—Race Track Cr.—Granite-Powell		See Race Track Creek.				
N. F. Race Track Cr.—Race Tr'k Cr.—Granite	2	6,000	150.0	....	......	......
S. F. Race Track Cr.—Race Tr'k Cr.—Granite	1	1,200	30.0	....	......	......
Race Track Lake—Race Track Cr.—Granite		See Race Track Creek.				
Rader Gulch—Crow Cr.—Jefferson?	1	all	......	....	......	......
Raglan Coulee—Missouri R.—Chouteau?	1	200	5.0	....	......	......
Raglan Coulee—Pondera Coulee—Teton	1	200	5.0	....	......	......
Raglon Coulee—Cut Bank Cr.—Teton	1	100	2.5	....	......	......
Railroad Coulee—Sage Cr.—Fergus	1	180	4.5	....	......	......
Railroad Coulee—Pondera Coulee—Teton	6	†1,440	36.0	....	......	......
Railroad Coulee—Teton R.—Teton	1	100	2.5	....	......	......
Railroad Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Railroad Cr.—Yellowstone R.—Yellowstone	6	†1,320§	33.0	....	......	......
Railway Coulee—Red R.—Toole	2	800	20.0	....	......	......
Rainbow Coulee—Dry Lake—Toole	1	200	5.0	....	......	......
Rainey Cr.—Kootenai R.—Lincoln		See Rainy Creek.				
Rainey Cr.—St. Regis R.—Mineral	2	10,050	251.2	....	......	......
Rainstorm Cr.—Yellowstone R.—Yellowstone	1	40	1.0	....	......	......
Rainy Cr.—Kootenai R.—Lincoln	5	18,800§	470.0	....	......	......
Rake Coulee—Rock Coulee—Teton	1	200	5.0	....	......	......
Ralph Cr.—Bitterroot R.—Ravalli	1	60	1.5	....	......	......
Ralston Gap Coulee—Teton R.?—Teton	5	2,560§	64.0	....	......	......
Rambo Gulch—Johnson Run—Custer	1	100	2.5	....	......	......
Ramme Cr.—Box Elder Cr.—Fallon	5	2,450§	61.2	....	......	......
N. Ramme Cr.—Ramme Cr.—Fallon	1	2,000	50.0	....	......	......
Ramsey Cr. ... Custer		See Coral Creek.				
Ramsey Cr.—Libby Cr.—Lincoln	5	6,200	155.0	....	......	......
Ramshorn Cr. (or Gulch)—Ruby R.—Madison	15	†2,200	55.0	27	1,471	36.8
Ranaway Cr.—Smith Cr.—Park	1	200	5.0	....	......	......
Ranch Coulee—Missouri R.—Richland	1	100	2.5	....	......	......
Ranch Cr.—Snake Cr.—Blaine	1	100	2.5	....	......	......
Ranch Cr.—Powder R.—Custer	2	1,700	42.5	....	......	......
Ranch Cr.—Tongue R.—Custer	2	10,600	265.0	....	......	......
Ranch Cr.—O'Fallon Cr.—Fallon	2	1,000	25.0	....	......	......
Ranch Cr.—Rock Cr.—Granite	8	†4,750	118.8	....	......	......
Rancho Cr.—Sheep Cr.—Meagher	1	500	12.5	....	......	......
Randall Cr.—W. Gallatin R.—Gallatin	2	300	7.5	....	......	......
Randall's Cr. ... Jefferson	1	160	4.0	....	......	......
Ranger Cr.—Sage Cr.—Carbon	1	20	0.5	....	......	......
Ranger Gulch—Little Blackfoot R.—Powell	1	all	......	....	......	......
Ranier Cr.—St. Regis R.—Mineral	1	200	5.0	....	......	......
E. F. Ranier Cr.—Ranier Cr.—Mineral	2	320	8.0	....	......	......
S. F. Ranier Cr.—Ranier Cr.—Mineral	1	200	5.0	....	......	......
W. F. Ranier Cr.—Ranier Cr.—Mineral	1	120	3.0	....	......	......
Rape Cr.—Horse Prairie Cr.—Beaverhead	6	†2,080	52.0	4	191	4.8
Rapstad Cr.—Otter Cr.—Sweetgrass	1	160	4.0	....	......	......
Rapstad Spring Gulch—Ten Mile Cr.—Sweetgrass	2	500	12.5	....	......	......
Rasberry Cr.—Rocky Gap Cr.—Cascade	1	200	5.0	....	......	......
Rasberry Cr.—Clark F. Columbia R.—Sanders	1	all	......	....	......	......
Rasberry Cr.—Big Timber Cr.—Sweetgrass	1	all	......	....	......	......
Raster Cr.—Carpenter Gulch—Powell	1	1,500	37.5	....	......	......
Rat Cr.—Warm Spring Cr.—Fergus	2	250	6.2	....	......	......
Rat Cr.—Dick Cr.—Powell	1	450	11.2	....	......	......

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Rattler Cr.—Rock Cr.—Granite	2	400	10.0	....	......	......
Rattlesnake Coulee—Belt Cr.—Cascade	1	100	2.5	....	......	......
Rattlesnake Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
Rattlesnake Coulee—Frenchman Cr.—Valley	6	†4,200§	105.0	....	......	......
Rattlesnake Cr.—Beaverhead R.—Beaverhead	120	†a96,904§	2,422.6	112	†b13,323§	333.1
N. F. Rattlesnake Cr.—Rattlesnake Cr.—Beaverhead	1	640	16.0	....	......	......
Rattlesnake Cr.—Crow Coulee—Chouteau	1	300	7.5	....	......	......
Rattlesnake Cr. ....Dawson	1	400	10.0	....	......	......
Rattlesnake Cr.—Lone Tree Cr.—Fallon	1	800	20.0	....	......	......
Rattlesnake Cr.—Missouri R.—Jefferson-Broadwater	4	470	11.8	....	......	......
Rattlesnake Cr.—Canyon Cr.—Lewis & Clark	4	675	16.9	....	......	......
Rattlesnake Cr.—Seven Mile Cr.—Lewis & C.	3	50	1.2	....	......	......
Rattlesnake Cr.—Musselshell R.—Rosebud	3	345§	8.6	....	......	......
*Rattlesnake Cr.—Missoula R.—Missoula	48	†13,744§	343.6	28	4,128	103.2
Rattlesnake Gulch—Canyon Cr.—Lewis & C.		See Rattlesnake Creek.				
Rattlesnake Gulch—New York Gulch—L. & C.	2	†100	2.5	....	......	......
Rattling Cr.—Willow Cr.—Granite	1	432	10.8	....	......	......
Ravalli Cr.—Missoula R.—Missoula	1	†	......	....	......	......
Raven Coulee—Dry Lake—Toole	1	2,000	50.0	....	......	......
Raven Cr.—S. F. Wolf Cr.—Lincoln	1	160	4.0	....	......	......
N. F. Raw Hide Coulee—Raw Hide Coulee—Cascade	1	2,000	50.0	....	......	......
Raw Hide Cr.—Horse Prairie Cr.—Beaverh'd	1	100	2.5	1	40	1.0
Raw Hide Cr.—Boulder Cr.—Jefferson	1	all	......	....	......	......
Rawhide Gulch—Ottawa Gulch—Lewis & C.	3	†200	5.0	....	......	......
S. F. Rawhide Gulch—Rawhide Gulch—Lewis & Clark	1	all	......	....	......	......
Ray Cr.—South Cr.—Broadwater	6	395§	9.9	12	930	23.2
S. F. N. F. Ray Cr.—N. F. Ray Cr.—B'water	1	100	2.5	....	......	......
Ray Creek—Gallatin R.—Gallatin		See Rea Creek.				
Ray Cr.—Haymaker Cr.—Meagher	4	1,020	25.5	....	......	......
Razor Cr.—Yellowstone R.—Yellowstone	6	4,260	106.5	....	......	......
Rea Canyon—Gallatin R.—Gallatin		See Rea Creek.				
Rea's Coulee ....Chouteau	1	8,000	200.0	....	......	......
Rea Cr.—South Cr.—Broadwater		See Ray Creek.				
Rea Cr.—Gallatin R.—Gallatin	6	1,350	33.8	....	......	......
Read Cr.—Billman Cr.—Park	1	all	......	....	......	......
Read Cr.—Red Rock R.—Madison		See Reed Creek.				
Reason Cr.—Cottonwood Cr.—Powell	1	40	1.0	....	......	......
Reavis Cr.—Hanging Woman Cr.—Big Horn	1	300	7.5	....	......	......
Reavy Cr.—Peoples Cr.—Blaine		See Revey Creek.				
Red Coulee—Belt Cr.—Cascade	7	1,190§	29.8	....	......	......
W. Br. Red Coulee—Red Coulee—Cascade	1	100	2.5	....	......	......
Reds Coulee—Musselshell R.—Dawson	1	200	5.0	....	......	......
Red Coulee—Judith R.—Fergus	1	160	4.0	....	......	......
Red Coulee—Creek Lake—Sheridan	1	160	4.0	....	......	......
Red's Cr.—Flathead Lake—Flathead	2	80	2.0	....	......	......
Red R.—Milk R.—Teton-Toole	25	14,650§	366.2	....	......	......
N. F. Red River—Red R.—Teton	1	400	10.0	....	......	......
S. F. Red River—Red R.—Teton-Toole	1	400	10.0	....	......	......
S. W. F. Red River—Red R.—Teton	1	400	10.0	....	......	......
Red Bank Cr. ....Dawson	2	4,000	100.0	....	......	......
Redbank Cr.—Little Muddy Cr.—Sheridan	2	1,000	25.0	....	......	......
W. F. Redbank Cr.—Redbank Cr.—Sheridan	1	1,000	25.0	....	......	......
Red Bottom Cr.—Rock Cr.—Granite	1	100	2.5	....	......	......
Red Butte Coulee—Hay Cr.—Cascade	1	300	7.5	....	......	......
Red Butte Coulee—Pumpkin Cr.—Custer	1	200	5.0	....	......	......
Red Butte Coulee—Missouri R.—Sheridan	1	200	5.0	....	......	......
Red Butte Cr.—Box Elder Cr.—Fallon	5	2,300	57.5	....	......	......
Red Canyon Cr.—Madison R.—Gallatin	6	1,900	47.5	....	......	......
Red Horse Cr.—Little Dry Cr.—Dawson	1	500	12.5	....	......	......
Red Lake Coulee—Dry Fk. Marias—Teton	1	200	5.0	....	......	......
Red Lodge Cr.—Rock Cr.—Carbon	39	†13,187§	329.5	63	6,105	152.6
E. F. Red Lodge Cr.—Red Lodge Cr.—Carbon	12	†3,710§	92.8	1	150	3.8

a—Add 10,500 acre-feet.
b—Add 8,885 acre-feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
M. F. Red Lodge Cr.—Red Lodge Cr.—Carbon	1	400	10.0	....	......	......
S F. Red Lodge Cr.—Red Lodge Cr.—Carbon	1	400	10.0	....	......	......
W. F. Red Lodge Cr.—Red Lodge Cr.—Carbon	17	7,334	183.4	....	......	......
E. F. W. Red Lodge Cr.—W. F. R. Lodge Cr.—Carbon	4	1,100	27.5	....	......	......
Red River Coulee—Milk R.—Teton-Toole....		See Red River.				
Red Rock Canyon—Red Rock R.—Beaverh'd		See Red Rock River.				
Red Rock Coulee—Milk R.—Blaine-Hill....	17	†14,660§	366.5	....	......	......
N. Branch Red Rock Coulee—Red Rock Coulee—Hill	1	1,000	25.0	....	......	......
Redrock Coulee—Missouri R.—Sheridan	1	40	1.0	....	......	......
Red Rock Cr.—Beaverhead R.—Beaverhead		See Red Rock River.				
Red Rock Cr.—Boulder R.—Jefferson	26	†18,590	464.8	....	......	......
S. F. Red Rock Cr.—Jefferson	2	3,000	75.0	....	......	......
Red Rock Lake—Red Rock R.—Beaverhead		See Red Rock River.				
*Red Rock R.—Beaverhead R.—Beaverhead	231	†a96,492§	2,412.3	79	14,957	373.9
Red Spring Coulee—Ross Fork—Fergus.....	1	140	3.5	....	......	......
Redwater Cr.—Missouri R.—Dawson, Rh'land	6	46,000	1,150.0	....	......	......
E. Redwater Cr.—Redwater Cr.—Richland..	1	3,000	75.0	....	......	......
Reder Cr. ....Custer	1	1,000	25.0	....	......	......
Reding Lake Basin—Muddy Cr.—Teton.....	1	1,000	25.0	....	......	......
Redlie Cr.—Russel Cr.—Fallon	1	300	7.5	....	......	......
Reed Coulee—N. F. Smith R.—Meagher......	1	60	1.5	....	......	......
Reed Cr.—Red Rock R.—Beaverhead	2	348	8.5	....	......	......
Reeds Cr.—Yellowstone R.—Big Horn, Yellowstone	1	200	5.0	....	......	......
Reed Canyon Cr.—Cottonwood Cr.—Gallatin	2	all	......	....	......	......
Reeder Cr. ....Jefferson	1	16,000	400.0	....	......	......
Reeder Cr.—Tom Miner Cr.—Park	1	80	2.0	....	......	......
Reese Anderson Cr.—Cottonwood Cr.—Powell	3	†155	3.9	4	115	2.9
Reese Anderson Hollow—Cottonwood Cr.—Powell		See Reese Anderson Creek.				
Reese Cr.—E. Galaltin R.—Gallatin	8	†1,550§	38.8	....	......	......
Reese Cr.—Yellowstone R.—Park	10	†1,875	46.9	10	690	17.2
Reese Gulch—Silver Bow Cr.—Silver Bow...	1	30	0.8	....	......	......
Reeser Cr.—Canyon Cr.—Ravalli	1	1,000	25.0	....	......	......
Reeves Cr.—St. Regis R.—Mineral	1	10	0.2	....	......	......
Reevie Cr.—Peoples Cr.—Blaine		See Revey Creek.				
Rehal Coulee—Black Coulee—Hill	4	†1,350	33.8	....	......	......
Reimel Cr.—E. F. Bitterroot R.—Ravalli....	1	300	7.5	....	......	......
Reinig Cr.—Nevada Cr.—Powell		See Rineing Creek.				
Reinig Cr.—L. Blackfoot—Powell		See Mike Reinig Creek.				
Renan Cr.—O'Fallon Cr.—Fallon	1	200	5.0	....	......	......
Renas Cr.—Otter Cr.—Custer	1	500	12.5	....	......	......
Renullard Cr.—Deep Cr.—Mineral	1	all	......	....	......	......
Renz Cr.—Missouri Rr.—Richland	2	1,500	37.5	....	......	......
Repsher Coulee—Dry Lake—Toole	1	200	5.0	....	......	......
Republic Cr.—Fleishman Cr.—Park	1	5,000	125.0	....	......	......
*Republic Cr.—Soda Butte Cr.—Park	3	778§	19.4	....	......	......
Rermlegh Cr.—Redwater Cr.—Richland......	1	500	12.5	....	......	......
Rescue Gulch—Grasshopper Cr.—Beaverhead	3	5,000	125.0	....	......	......
Reservation Coulee—Milk R.—Hill	1	300	7.5	....	......	......
Reservation Cr.—Rosebud R.—Big Horn....	1	500	12.5	....	......	......
Reservation Cr.—Yellowstone R.—Rosebud..	9	8,572	214.3	....	......	......
M. F. Reservation Cr.—Reservation Cr.—Rosebud	1	b	......	....	......	......
Reservoir Coulee—Clear Cr.—Blaine	1	400	10.0	....	......	......
Reservoir Coulee—Snake Cr.—Blaine	3	2,000	50.0	....	......	......
Reservoir Coulee—Rocky Gap Cr.—Cascade..	1	200	5.0	....	......	......
Reservoir Coulee ....Chouteau	1	400	10.0	....	......	......
Reservoir Coulee—Teton R.—Chouteau	1	160	4.0	....	......	......
Reservoir Coulee—Shot Gun Cr.—Sheridan..	1	400	10.0	....	......	......
Reservoir Coulee—Dupuyer Cr.—Teton	1	200	5.0	....	......	......
Reservoir Coulee—Marias R.—Teton		See Lone Tree Coulee.				
Reservoir Coulee—Pondera Coulee—Teton...	1	520	13.0	....	......	......
Reservoir Coulee—Teton R.—Teton	2	720	18.0	....	......	......

a—Add 142,010,000 cubic feet.
b—Filing reads "2,124,811 gals."
†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Reservoir Coulee—Dry Lake—Toole	4	1,800	45.0	....	......	......
Reservoir Coulee—Half Breed Cr.—Toole	1	200	5.0	....	......	......
Reservoir Coulee—Red R.—Toole	1	280	7.0	....	......	......
Reservoir Coulee—Willow Cr.—Toole	2	1,000	25.0	....	......	......
Reservoir Coulee—Big Coulee Cr.—Y'wstone	1	20,000	500.0	....	......	......
Reservoir Cr.—Grasshopper Cr.—Beaverhead	6	1,500	37.5	....	......	......
Reservoir Cr.—Clear Cr.—Blaine	1	40	1.0	....	......	......
Reservoir Cr.—Sage Cr.—Carbon	1	120	3.0	....	......	......
Reservoir Cr.—Nason Cr.—Cascade	1	320	8.0	....	......	......
M. F. Reservoir Cr.—Reservoir Cr.—Cascade	3	3,200	80.0	....	......	......
Reservoir Cr.—Big Otter Cr.—Cascade	1	200	5.0	....	......	......
Reservoir Cr.—Hay Cr.—Custer	1	200	5.0	....	......	......
Reservoir Cr.—Pumpkin Cr.—Custer	1	2,400	60.0	....	......	......
Reservoir Cr.—Big Beaver Cr.—Fallon	1	500	12.5	....	......	......
Reservoir Cr.—N. F. Smith R.—Meagher	1	200	5.0	....	......	......
Reservoir Cr.—Fish Cr.—Mineral	1	50	1.2	....	......	......
Reservoir Cr.—Smith Cr.—Park	1	100	2.5	....	......	......
Reservoir Lake—Willow Cr.—Teton	1	300	7.5	....	......	......
Reservoir Spring Coulee..........Chouteau	1	200	5.0	....	......	......
Resevoy Coulee—Dry Lake—Toole		See Reservoir Coulee.				
Resin Anderson Cr.—Cottonwood Cr.—Powell		See Reese Anderson Creek.				
*Revais Cr.—Flathead R.—Sanders	13	27,385§	684.6	....	......	......
Rever Cr.—Peoples Cr.—Blaine		See Revey Creek.				
Revey Cr.—Peoples Cr.—Blaine	10	1,670§	41.8	....	......	......
Revil Cr.—Peoples Cr.—Blaine		See Revey Creek.				
Revy Cr.—Peoples Cr.—Blaine		See Revey Creek.				
Reynold Cr.—E. Gallatin R.—Gallatin	1	50	1.2	....	......	......
Reynolds Cr.—Warm Spr. Cr.—Meagher	1	100	2.5	....	......	......
Rhine Cr.—Nevada Cr.—Powell	3	1,050	26.2	3	130	3.2
Ribbon Cr.—Half Breed Cr.—Toole	7	1,440	36.0	....	......	......
Riberdy Cr.—Mullan Gulch—Mineral	1	400	10.0	....	......	......
Rice's Coulee—Milk R.—Blaine	1	10	0.2	....	......	......
Rice Coulee—Yellowstone R.—Custer	1	500	12.5	....	......	......
Rice Coulee—Armell's Cr.—Rosebud	1	400	10.0	....	......	......
Rice Cr.—Potter Cr.—Park	1	100	2.5	3	240§	6.0
Rice Cr.—Clark Fk. of Columbia R.—Sanders	1	160	4.0	....	......	......
E. F. Rice Cr.—Rice Cr.—Sanders	1	160	4.0	....	......	......
Rices Gulch—Blacktail Cr.—Silver Bow	1	all	......	....	......	......
Rich Cr.—Hell Gate R.—Missoula	1	25	0.6	....	......	......
W. Prong Richards Coulee—Rosebud R.—Rosebud	1	1,000	25.0	....	......	......
Richard Cr. ....Custer	2	4,000	100.0	....	......	......
Richard Draw—Little Beaver Cr.—Fallon	1	1,000	25.0	....	......	......
Richard Slough—Teton R.—Teton	1	100	2.5	....	......	......
Richardson Cr.—Silver Cr.—Lewis & Clark	1	†	......	....	......	......
*Richardson Cr.—Sun R.—Teton	1	100	2.5	....	......	......
Richmond Cr.—Box Elder Cr.—Fallon	1	2,000	50.0	....	......	......
Ricks Coulee—Big Springs Cr.—Fergus	1	300	7.5	....	......	......
Ridgely Cr.—W. Gallatin R.—Gallatin	1	all	......	2	153	3.8
Ried Cr. ....Madison	1	80	2.0	....	......	......
Riesins Trib. Cow Cr.—Cow Cr.—Blaine		See Cow Creek.				
Riff Lake—Sheep Cr.—Teton	1	3,000	75.0	....	......	......
Riggin Coulee—Rock Cr.—Valley	1	2,000	50.0	....	......	......
Riley Lake—Grant Cr.—Missoula	3	3,280	82.0	....	......	......
Rim Rock Coulee—Red R.?—Toole	1	400	10.0	....	......	......
Rimvale Cr.—Dry Lake—Toole	1	200	5.0	....	......	......
Rineing Cr.—Nevada Cr.—Powell	1	300	7.5	1	all	......
Rinker Cr.—Prickly Pear Cr.—Lewis & Clark	2	150	3.8	....	......	......
Rinker Cr.—Muddy Cr.—Teton	1	250	6.2	....	......	......
S. F. Rinker Cr.—Rinker Cr.—Teton	1	80	2.0	....	......	......
Riser Coulee—W. F. Milk R.—Blaine	3	920	23.0	....	......	......
Ritchie Cr.—Hell Gate R.—Missoula	1	250	6.2	....	......	......
Road Coulee—Teton R.—Chouteau	1	200	5.0	....	......	......
Road Coulee—Milk R.—Valley	1	800	20.0	....	......	......
Road Cr.—Bay Horse Cr.—Custer	3	5,200	130.0	....	......	......
Road Cr.—Mizpah Cr. (4S. 49E.)—Custer	1	500	12.5	....	......	......
Road Cr.—Mizpah Cr. (3S. 50E.)—Custer	2	1,000	25.0	....	......	......
Road Cr.—Mizpah Cr. (1N. 51E.)—Custer	1	2,000	50.0	....	......	......

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Road Cr.—Powder R.—Custer	2	1,000	25.0	....	......	......
Road Cr.—Canyon Cr.—Lewis & Clark	1	50	1.2	....	......	......
Road Gulch ....Beaverhead	1	320	8.0	....	......	......
Road House Gulch—Rattlesnake Cr.—B'head	1	320	3.0	....	......	......
Roaring Brook—Fish Cr.—Silver Bow	6	2,450	61.2	....	......	......
Roaring Lion Cr.—Bitterroot R.—Ravalli	17	†5,590	139.8	36	2,463	61.6
Robb Cr.—Ruby R.—Madison	5	48,650	1.216.2	....	......	......
Robbins Cr.—Tom Miner Cr.—Park	1	50	1.2	....	......	......
Robe Cr.—Musselshell R.—Musselshell		See Painted Robe Cr.				......
Roberts Cr.—Elk Cr.?—Meagher	28	4,990§	124.8	....	......	......
Roberts Lake—Dry Lake—Toole	2	2,200	55.0	....	......	......
Robert Childs Cr.—Bitterroot R.—Ravalli		See One Horse Cr.				
Robertson Cr.—Burnt Fork Cr.—Ravalli	10	498	12.4	....	......	......
Robinson Coulee—Marias R.—Toole	1	200	5.0	....	......	......
Robinson's Cr.—S. F. Musselsh'l R.—Meagher	6	1,458	36.4	....	......	......
Robinson Cr.—Flathead R.—Sanders	1	160	4.0	....	......	......
Robinson Gulch ....Madison	1	†	......	....	......	......
Robinson Lake—Milk R.—Valley	1	20,000	500.0	....	......	......
Roburge Cr.—Little Missouri R.—Fallon	1	500	12.5	....	......	......
Rochester Gulch—Big Hole R.—Madison	35	†1,318§	33.0	....	......	......
Rochler Coulee—Cottonwood Cr.—Hill	1	200	5.0	....	......	......
Rock Coulee—Murphy Coulee—Cascade	1	160	4.0	....	......	......
Rock Coulee—Missouri R.—Chouteau	1	160	4.0	....	......	......
Rock Coulee—Fall Cr.—Fergus	2	60	1.5	....	......	......
Rock Coulee—Cottonwood Cr.—Hill	3	720	18.0	....	......	......
Rock Coulee—Hay Cr.—Richland	1	500	12.5	....	......	......
Rock Coulee—Cutbank Cr.—Teton	3	1,160	29.0	....	......	......
Rock Coulee—Sun R.—Teton	1	200	5.0	....	......	......
Rock Coulee—Red R.—Toole	2	480	12.0	....	......	......
Rock Coulee—Willow Cr.—Toole	1	40	1.0	....	......	......
Rock Coulee—Beaver Cr. (T. 28N.)—Valley	2	300	7.5	....	......	......
Rock Coulee—Beaver Cr. (T. 31N.)—Valley	1	3,000	75.0	....	......	......
Rock Coulee—Frenchman Cr.—Valley	2	800	20.0	....	......	......
Rock Coulee—Hank Cr.—Yellowstone	1	80	2.0	....	......	......
Rock Cr.—Big Hole R.—Beaverhead		See Pintler Creek.				
Rock Cr. (R. 15W.)—Big Hole R.—B'head	1	320	8.0	....	......	......
Rock Cr. (R. 9 W.)—Big Hole R.—B'head	6	1,780	44.5	....	......	......
Rock Cr. (R. 16 W.)—Big Hole R.—B'head	54	†35,370	884.2	....	......	......
Rock Cr.—Big Sheep Cr.—Beaverhead	4	940	23.5	....	......	......
Rock Cr.—Black Tail Deer Cr.—Beaverhead	4	†1,000	25.0	....	......	......
Rock Cr.—Grasshopper Cr.—Beaverhead	2	250	6.2	2	500	12.5
Rock Cr.—Miner Cr.—Beaverhead	1	160	4.0	....	......	......
Rock Cr. (R. 5 W.)—Red Rock R.—B'head	1	100	2.5	....	......	......
Rock Cr. (R. 8 W.)—Red Rock R.—B'head	1	80	2.0	....	......	......
Rock Cr.—Missouri R.—Blaine	17	†27,136§	678.4	....	......	......
Rock Cr.—Suction Cr.—Blaine	1	200	5.0	....	......	......
Rock Cr.—Hot Spring Cr.—Broadwater	3	1,280	32.0	....	......	......
Rock Cr.—Clarke Fork R.—Carbon	77	91,677§	2,291.9	275	51,620	1,290.5
N. F. Rock Cr.—Rock Cr.—Carbon	1	4,000	100.0	....	......	......
W. F. Rock Cr.—Rock Cr.—Carbon	15	16,412	410.3	....	......	......
Rock Cr.—Belt Cr.—Cascade	6	1,420	35.5	....	......	......
Rock Cr.—Rocky Gap Cr.—Cascade	1	400	10.0	....	......	......
Rock Cr.—Blacktail Cr.—Custer	1	600	15.0	....	......	......
Rock Cr.—Mizpah Cr.—Custer	1	3,000	75.0	....	......	......
Rock Cr.—Powder R.—Custer	1	3,000	75.0	....	......	......
Rock Cr.—Big Dry Cr.—Dawson	1	2,000	50.0	....	......	......
N. F. Rock Cr.—Rock Cr.—Dawson	1	300	7.5	....	......	......
S. F. Rock Cr.—Rock Cr.—Dawson	1	300	7.5	....	......	......
Rock Cr.—Warm Springs Cr.—Deer Lodge	3	13,000	325.0	....	......	......
Rock Cr.—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Rock Cr.—Ross Fork—Fergus	63	†20,921§	523.0	....	......	......
W. F. Rock Cr.—Rock Cr.—Fergus	2	300	7.5	....	......	......
Rock Cr.—Swan R.—Flathead	1	100	2.5	....	......	......
Rock Cr. ....Flathead	1	5,000	125.0	....	......	......
*Rock Cr.—Hell Gate R.—Granite	78	†1024000§	25600.0	....	......	......
E. F. Rock Cr.—Rock Cr.—Granite	19	21,380	534.5	....	......	......
M. F. Rock Cr.—Rock Cr.—Granite	9	4,695§	117.4	....	......	......
W. F. Rock Cr.—Rock Cr.—Granite	20	†17,280§	432.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
N. F. W. F. Rock Cr.—W. F. Rock Cr.—Gr'ite	2	600	15.0	....	......	......
W. F. W. F. Rock Cr.—W. F. Rock Cr.—Granite	3	2,000	50.0	....	......	......
Ross Fk. Rock Cr.—Rock Cr.—Granite	13	†13,300	332.5	....	......	......
E. F. Ross Fk. Rock Cr.—Ross Fk. Rock Cr.—Granite	1	1,800	45.0	....	......	......
Rock Cr.—Boulder Cr.—Jefferson	5	14,550	363.8	....	......	......
Rock Cr.—Missouri R.—Lewis & Clark	13	†770§	19.2	....	......	......
N. F. Rock Cr.—Rock Cr.—Lewis & Clark	2	300	7.5	....	......	......
Wells Fk. Rock Cr.—Rock Cr.—Lewis & C.	2	325	8.1	....	......	......
Rock Cr.—S. Boulder Cr.—Madison	4	2,750	68.8	....	......	......
Rock Cr.—Smith R.—Meagher	8	13,300§	332.5	....	......	......
N. F. Rock Cr.—Rock Cr.—Meagher	4	1,450	36.2	....	......	......
S. F. Rock Cr.—Rock Cr.—Meagher	2	720§	18.0	....	......	......
Rock Cr.—Twelve Mile Cr.—Mineral	2	4,400	110.0	....	......	......
Rock Cr.—Nine Mile Cr.—Missoula	8	3,300	82.5	....	......	......
Rock Cr.—Mission Cr.—Park	2	1,450	36.2	....	......	......
*Rock Cr.—Shields R.—Park	74	†38,662§	966.6	81	†9,125	228.1
E. F. Rock Cr.—Rock Cr.—Park	1	200	5.0	....	......	......
S. F. Rock Cr.—Rock Cr.—Park	1	300	7.5	3	960	24.0
Rock Cr.—Yellowstone R.—Park	4	1,730	43.2	....	......	......
N. F. Rock Cr.—Rock Cr.—Park	3	680	17.0	....	......	......
Rock Cr.—Hell Gate R.—Powell	40	†76,220§	1,905.5	10	1,825	45.6
S. Br. Rock Cr.—Rock Cr.—Powell	1	400	10.0	....	......	......
*Rock Cr.—Bitterroot R.—Ravalli	12	†58,370	1,459.2	....	......	......
S. F. Rock Cr.—Rock Cr.—Ravalli	2	3,280	82.0	....	......	......
Rock Cr.—Clark F. of Columbia R.—Sanders	1	300	7.5	....	......	......
Rock Cr.—Poplar R.—Sheridan	1	4,000	100.0	....	......	......
Rock Cr.—Shot Gun Cr.—Sheridan	1	5,184	129.6	....	......	......
M. F. Rock Cr.—Big Hole R.—Silver Bow	2	6,000	150.0	....	......	......
Rock Cr.—Stillwater R.—Stillwater	6	832	20.8	....	......	......
Rock Cr.—Big Timber Cr.—Sweetgrass	1	640	16.0	1	150	3.8
Rock Cr.—Sweetgrass Cr.—Sweetgrass	1	200	5.0	....	......	......
*Rock Cr.—Milk R.—Valley	45	678,330§	16,958.2	....	......	......
Rock Gulch—Sand Coulee Cr.—Cascade	1	120	3.0	....	......	......
Rock Lake—Rock Cr.—Powell		See Rock Creek.				
Rock Lake—Milk R.—Valley	1	400	10.0	....	......	......
Rockbound Coulee—Box Elder Cr.—Sheridan	1	5,184	129.6	....	......	......
Rock Camp Cr.—Dry Cr.—Lewis & Clark	6	†700§	17.5	....	......	......
Rock Canyon Cr. ....Lewis & Clark	1	150	3.8	....	......	......
Rock Corral Cr. ....Chouteau	1	all	......	....	......	......
Rocker Gulch (or Cr.) ....Jefferson	2	†2,000	50.0	....	......	......
Rockford Cr.—St. Regis R.—Mineral	1	500	12.5	....	......	......
Rock Gap Cr.—Little Muddy Cr.—Cascade		See Rocky Gap Creek.				
Rock Spring Cr.—W. Gallatin R.—Gallatin	2	240	6.0	....	......	......
Rock Spring Cr.—Canyon Cr.—Park	2	†60§	1.5	....	......	......
Rockie Cr.—Wolf Cr.—Lewis & Clark	1	100	2.5	....	......	......
Rocky Canyon—Brown's Gulch—Silver Bow	1	150	3.8	....	......	......
Rocky Canyon—Yellowstone R.—Y'wstone	5	980	24.5	....	......	......
S. F. Rocky Coolie—Smith R.—Meagher	1	160	4.0	....	......	......
Rocky Coulee—Smith R.—Cascade	6	1,560	39.0	....	......	......
Rocky Coulee—Pondera Coulee—Chouteau	3	4,000	100.0	....	......	......
Rocky Coulee—Black Coulee—Hill		See Black Coulee.				
Rocky Coulee—Teton R.—Teton	2	600	15.0	....	......	......
W. F. Rocky Coulee—Rocky Coulee—Teton	1	400	10.0	....	......	......
Rocky Coulee—Cutbank Cr.—Teton		See Rock Coulee.				
Rocky Coulee—Milk R.—Toole	1	400	10.0	....	......	......
Rocky Cr.—Boulder Cr.—Park-Sweetgrass	1	100	2.5	....	......	......
Rocky Draw—Little Beaver Cr.—Fallon	1	300	7.5	....	......	......
Rocky Lake—Rocky Gap Cr.—Cascade	1	500	12.5	....	......	......
Rocky Lake—Teton R.—Teton	1	500	12.5	....	......	......
Rocky Lake—Miners Coulee—Toole	1	100	2.5	....	......	......
Rocky Branch Cr.—Walker Coulee—Cascade	1	400	10.0	....	......	......
Rocky Bridge Cr.—Birch Cr.—Teton	1	400	10.0	....	......	......
Rocky Butte Coulee—Simms Cr.—Cascade	1	300	7.5	....	......	......
Rocky Butte Cr. ....Beaverhead	1	all	......	....	......	......
*Rocky Canyon Cr.—E. Gallatin R.—Gallatin	12	9,100	227.5	....	......	......
Rocky Fork Cr.—Rock Cr.—Carbon	86	†65,574§	1,639.4	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
W. F. Rocky Fork Cr.—Rocky Fork Cr.—Carbon	3	7,000	175.0	....	......	......
Rocky Gap Cr.—Little Muddy Cr.—Cascade	28	†8,565§	214.1	....	......	......
Rocky Hook Cr.—Beaver Cr.—Hill	2	1,200	30.0	....	......	......
Rocky Lake Coulee—Missouri R.—Chouteau	1	120	3.0	....	......	......
Rocky Ridge Coulee—Red R.—Toole	2	800	20.0	....	......	......
Rocky Spring Coulee—Dry Lake—Toole	3	1,300	32.5	....	......	......
Rodchester Cr.—Poor Man Cr.—Lewis & C.	1	200	5.0	....	......	......
Rodgers Coulee—Teton R.—Teton	1	160	4.0	....	......	......
Rodgers Cr.—Bitterroot R.—Ravalli		See Sweeney Creek.				
Roe & Cooper Cr.—Big Horn R.—Big Horn	1	1,200	30.0	....	......	......
Roger Cr. Missoula	1	200	5.0	....	......	......
Roland Coulee—Willow Cr.—Toole	1	1,000	25.0	....	......	......
Rombo Cr.—S. F. Bitterroot R.—Ravalli	1	300	7.5	....	......	......
Rooney's Cr.—Soldier Cr.—Cascade	1	100	2.5	....	......	......
Roosevelt Lake—Missoula R.—Missoula		See Rattlesnake Creek.				
Rooster Bill Gulch—Trout Cr.?—Lewis & C.	1	all	......	....	......	......
Rosa Cr. Chouteau	1	150	3.8	....	......	......
Rose Coulee—Red R.—Toole	1	200	5.0	....	......	......
Rose Cr.—Dog Cr.—Fergus	1	200	5.0	....	......	......
Rose Cr.—Furman Cr.—Lewis & Clark	1	100	2.5	....	......	......
Rose Cr.—B. Blackfoot—Powell	1	320	8.0	....	......	......
Rose Cr.—Stillwater R.—Stillwater	1	100	2.5	....	......	......
Rose Cr.—Fish Cr.—Sweetgrass	1	200	5.0	....	......	......
Roses Cr. Teton	2	3,500	87.5	....	......	......
Rose Brush Coulee Valley	1	†	......	....	......	......
Rosebud Coulee—Highwood Cr.—Chouteau	1	all	......	....	......	......
Rosebud Cr.—Yellowstone R.—Big Horn, Rosebud		See Rosebud River.				
Rosebud Cr.—Prospect Cr.—Sanders	1	500	12.5	....	......	......
Rosebud Cr.—Stillwater R.—Stillwater		See Rosebud River.				
Rosebud R.—Yellowstone R.—Big Horn, Rosebud	73	†43,334§	1,083.4	....	......	......
S. F. Rosebud R.—Rosebud R.—Big Horn	3	280	7.0	....	......	......
W. F. Rosebud R.—Rosebud R.—Rosebud	1	140	3.5	....	......	......
*Rosebud R.—Stillwater R.—Stillwater	8	7,860	196.5	....	......	......
*East Rosebud R.—Rosebud R.—Carbon, Stillwater	22	157,010§	3,925.2	....	......	......
*West Rosebud R.—Rosebud R.—Stillwater	24	†93,305§	2,332.6	....	......	......
Rosedale Coulee—Miners Coulee—Toole	1	160	4.0	....	......	......
Rosetta Prong Dry Cr.—Dry Cr.—Carbon	1	100	2.5	....	......	......
Rosper Cr. Jefferson	1	40	1.0	....	......	......
Ross Cr.—Powder R.—Custer	1	300	7.5	....	......	......
Ross Cr.—E. Gallatin—Gallatin	27	†24,995§	624.9	19	1,329	33.2
Ross Cr.—Fleshman Cr.—Park	4	780	19.5	2	90	2.2
Ross Fork—Judith R.—Fergus	109	†25,420§	635.5	....	......	......
S. F. Ross Fork—Ross Fork—Fergus	1	200	5.0	....	......	......
Ross Fork of Rock Cr.—Rock Cr.—Granite		See Rock Creek.				
E. F. Rosses Hole—Ross Fork—Granite		See Rock Creek.				
*Rottengrass Cr.—Big Horn R.—Big Horn	6	1,730	43.2	....	......	......
Roub Coulee—Muddy Cr.—Teton	1	100	2.5	....	......	......
Rough Coulee Dawson	1	1,080	27.0	....	......	......
Rough Cr.—Mizpah Coulee—Custer	1	200	5.0	....	......	......
Rough Cr.—Powder R. (T. 2 S.)—Custer	1	500	12.5	....	......	......
Rough Cr.—Powder R. (T. 2 N.)—Custer	3	3,500	87.5	....	......	......
Rough Cr.—Little Powder R.—Custer		See Little Rough Creek.				
Rough Cr.—Blacktail Cr.—Rosebud	1	30	0.8	....	......	......
Rough Gulch—Sweetgrass Cr.—Sweetgrass	1	200	5.0	....	......	......
Rough Journey Cr.—Clark F. Columbia R.—Sanders	2	1,300	32.5	....	......	......
Round Butte Coulee—Cottonwood Cr.—Chouteau	1	200	5.0	....	......	......
Round Butte Cr.—Box Elder Cr.—Fallon	1	300	7.5	....	......	......
Round Lake—N. Willow Cr.—Madison	1	200	5.0	....	......	......
Round Lake—Dupuyer Cr.—Teton	2	400	10.0	....	......	......
Round Lake—L. Cottonwood Cr.—Valley	1	400	10.0	....	......	......
Round Spr. Cr.—Big Elk Cr.—Meagher	..	....	......	1	40	1.0
"Round Up" Coulee—Milk R.—Hill	1	120	3.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Round Up Cr.—Spring Cr.—Fergus	1	300	7.5	....	......	......
Rouse Cr.—Willow Cr.—Deer Lodge	1	50	1.2	....	......	......
Routledge Coulee .... Valley	1	800	20.0	....	......	......
Rowe Coulee—Missouri R.—Chouteau	3	1,240	31.0	....	......	......
Rowe Cr.—Tom Miners Cr.—Park	2	230	5.8	....	......	......
Royal Cr.—Belt Cr.—Cascade	1	1,000	25.0	....	......	......
Royal Cr. .... Chouteau	1	600	15.0	....	......	......
Royal Cr.—Flint Cr.—Granite	1	200	5.0	....	......	......
Royce Cr.—Tongue R.—Custer	1	400	10.0	....	......	......
Roy Cr.—Missouri R.—Gallatin	1	40	1.0	....	......	......
Roy's Reservoir—Box Elder Cr.—Hill, Blaine	1	100	2.5	....	......	......
Rubby Cr.—Ten Mile Cr.—Lewis & Clark		See Ruby Creek.				
Rubey Cr. .... Park	1	900	22.5	....	......	......
Ruby Cr.—Big Hole R.—Beaverhead	49	†52,172	1,304.2	....	......	......
S. F. Ruby Cr.—Ruby Cr.—Beaverhead	1	300	7.5	....	......	......
Ruby Cr.—Clark Fork—Carbon	3	†360§	9.0	....	......	......
Ruby Cr.—Big Spr. Cr.—Fergus	7	1,785	44.6	....	......	......
Ruby Cr.—Ten Mile Cr.—Lewis & Clark	4	1,058	26.4	....	......	......
E. F. Ruby Cr.—Ruby Cr.—Lewis & Clark	2	275	6.9	....	......	......
W. F. Ruby Cr.—Ruby Cr.—Lewis & Clark	1	25	0.6	....	......	......
Ruby Cr.—Kootenai R.—Lincoln	2	†1,200	30.0	....	......	......
Ruby Cr.—Madison R.—Madison	12	3,590	89.8	....	......	......
Ruby Gulch—Big Hole R.—Beaverhead		See Ruby Creek.				
Ruby Gulch—Alder Cr.—Blaine	9	3,080	77.0	....	......	......
N. F. Ruby Gulch—Ruby Gulch—Blaine	1	200	5.0	....	......	......
Ruby Gulch—Missoula R.—Missoula	1	†	......	....	......	......
Ruby R.—Red Rock R.—Beaverhead	1	480	12.0	....	......	......
*Ruby R.—Beaverhead R.—Madison	74	†384,750§	9,618.8	1	1,875	46.9
Ruby R.—N. Br. W. F. Madison R.—Madison	1	300	7.5	....	......	......
Rudder's Gulch—Blacktail Cr.—Silver Bow	1	all	......	....	......	......
Rude Coulee—L. Porcupine Cr.—Rosebud	1	500	12.5	....	......	......
Rue Cr.—L. Powder R.—Custer	1	480	12.0	....	......	......
Ruke Coulee .... Chouteau	1	12,000	300.0	....	......	......
Rumley Cr. .... Dawson	1	700	17.5	....	......	......
Runaway Cr.—Sweetgrass Cr.—Sweetgrass	1	2,000	50.0	3	395	9.9
Running Wolfe Cr.—Wolfe Cr.—Cascade, Fergus	9	2,715	67.9	....	......	......
Rupurt Cr.—Beaver Cr.—Rosebud	1	400	10.0	....	......	......
Rush Coulee—Suction Cr.—Blaine	1	1,000	25.0	....	......	......
Rush Cr. .... Valley	2	1,200	30.0	....	......	......
Rush Cr.—Kootenai R.—Lincoln	1	200	5.0	....	......	......
Rush Lake—Milk R.—Blaine	1	300	7.5	....	......	......
Rush Water Cr.—Clarke Fork—Carbon	1	500	12.5	....	......	......
Rust Lake—Milk R.—Blaine	1	300	7.5	....	......	......
Rustler Cr.—Slick Cr.—Fallon	1	1,000	25.0	....	......	......
Russell Coulee—Sage Cr.—Hill	1	800	20.0	....	......	......
Russel Cr.—L. Beaver Cr.—Fallon	5	1,600	40.0	....	......	......
Russel Cr.—Spring Cr.—Custer	2	1,200	30.0	....	......	......
Russell Cr.—Antelope Cr.—Fergus	2	260	6.5	....	......	......
Russell Cr.—Roberts Cr.—Meagher	1	100	2.5	....	......	......
Russell Cr. .... Powell	1	120	3.0	....	......	......
Russell F. Deep Cr.—Deep Cr.—Broadwater		Filed Under "D."				
Russell Lakes—W. F. Red Lodge Cr.—Carbon	1	160	4.0	....	......	......
Russel's Coulee—Judith R.—Fergus	1	300	7.5	....	......	......
Rutki Cr.—Medicine Lodge Cr.—Beaverhead	2	240	6.0	....	......	......
Ryan Coulee—Missouri R.—Cascade	7	†70,650§	1,766.2	....	......	......
S. F. Ryan Coulee—Ryan Coulee—Cascade	1	500	12.5	....	......	......
Ryan Cr.—Big Hole R.—Beaverhead	1	50	1.2	....	......	......
Ryan Cr.—Blacktail Deer Cr.—Beaverhead	1	600	15.0	....	......	......
Ryan Cr.—Sheep Cr.—Meagher	1	400	10.0	....	......	......
Ryan Cr.—Dempsey Cr.—Powell	1	150	3.7	....	......	......
Ryan Cr.—Clark F. Columbia R.—Sanders	4	388	9.8	4	† all	......
Ryan's Gulch .... Jefferson	1	all	......	....	......	......
Rye Coulee—Teton R.—Chouteau	1	200	5.0	....	......	......
Rye Cr.—Bitterroot R.—Ravalli	3	500	12.5	....	......	......
Rye Cr.—Sweetgrass Cr.—Sweetgrass	2	1,200	30.0	2	300	7.5
Rye Grass Cr.—Cow Cr.—Carbon	3	360	9.0	....	......	......
Rye Grass Cr.—Sixteen Mile Cr.—Meagher	1	150	3.8	....	......	......

†Add to filings amounts not given.
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§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
S						
Sabine Cr.—Mission Cr.—Missoula	5	4,400§	110.0	....	......	......
Sacera Cr.—Miners Coulee—Toole	1	100	2.5	....	......	......
Sacketts Cr.—Big Lake—Stillwater	3	†150	3.8	....	......	......
E. Saddle Butte Coulee—Milk R.—Hill	2	560	14.0	....	......	......
N. Saddle Butte Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Sag Cr.—Shonkin Cr.—Chouteau	2	600	15.0	....	......	......
Sag Lake—Highwood Cr.—Chouteau	1	160	4.0	....	......	......
Sage Coulee—Chip Coulee—Chouteau	2	8,000	200.0	....	......	......
Sage Coulee—L. Cottonwood Cr.—Valley	1	200	5.0	....	......	......
Sage Cr.—Bloody Dick Cr.—Beaverhead	2	700	17.5	2	150	3.8
Sage Cr.—Red Rock R.—Beaverhead	43	†40014205§	1000355.1	14	2,060	51.5
Sage Cr.—Shoshone R.—Carbon	20	†12,145§	303.6	11	1,085	27.1
Sage Cr.—Missouri R.—Chouteau	1	2,000	50.0	....	......	......
Sage Cr.—Foster Cr.—Custer	1	1,000	25.0	....	......	......
Sage Cr.—Musselshell R.—Dawson	1	400	10.0	....	......	......
Sage Cr.—Judith R.—Fergus	72	†14,680§	367.0	....	......	......
N. F. Sage Cr.—Sage Cr.—Fergus	1	200	5.0	....	......	......
S. F. Sage Cr.—Sage Cr.—Fergus	1	200	5.0	....	......	......
Sage Cr.—Big Sandy Cr.—Hill	71	†84,410§	2,110.2	....	......	......
Sage Cr.—Sweetwater Cr.—Madison	7	1,180	29.5	....	......	......
N. F. Sage Cr.—Sage Cr.—Madison	2	260	6.5	....	......	......
Sage Cr.—Potter Cr.—Park	1	160	4.0	1	125	3.1
Sage Cr.—Sheafman Cr.—Ravalli	2	240	6.0	....	......	......
Sage Cr.—Sun Prairie Cr.—Valley	1	200	5.0	....	......	......
Sage Cr.—Stinking Water Cr.—Yellowstone	8	3,588	89.7	....	......	......
Sage Lake—Sage Cr.—Hill	2	400	10.0	....	......	......
Sage Brush Coulee—Cottonwood Cr.—Hill	1	200	5.0	....	......	......
Sage Brush Cr.—Powder R.—Custer	1	1,000	25.0	....	......	......
Sage Brush Cr. .... Jefferson	1	50	1.2	....	......	......
Sage Brush Cr.—Seven Mile Cr.—Lewis & C.	1	50	1.2	....	......	......
Sage Brush Cr.—Yellowstone R.—Richland	1	2,000	50.0	....	......	......
Sage Hen Cr.—B. Pilgrim Cr.—Custer	1	1,000	25.0	....	......	......
Sage Hen Gulch—St. Regis R.—Mineral	1	8,000	200.0	....	......	......
Sahara Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Sailor Cr.—Ruby R.—Madison	1	all	......	....	......	......
St. Claire Cr.—Tobacco R.—Lincoln		See Sinclair Creek.				
St. Joe Cr.—Jordan Cr.—Madison	3	450	11.2	....	......	......
St. John Cr.—L. Muddy Cr.—Cascade		See Mission Creek.				
St. John Cr.—L. Muddy Cr.—Cascade	16	†3,310	82.8	....	......	......
St. Lawrence Cr.—B. Blackfoot R.—Missoula	1	all	......	....	......	......
St. Louis Cr. .... Cascade	1	10	0.2	....	......	......
St. Louis Gulch—Nine Mile Cr.—Missoula	7	3,700	92.5	....	......	......
N. E. F. St. Louis Gulch—St. Louis Gulch—Missoula	2	180	4.5	....	......	......
N. E. F. St. Lovis Cr.—St. Louis Gulch—Missoula		See N. E. F. St. Louis Gulch.				
St. Mary's Lake .... Ravalli	1	500	12.5	....	......	......
*St. Mary R.—Belly R.—Teton	2	1,060,000	26500.0	....	......	......
St. Peter Coulee—Cottonwood Cr.—Hill	1	100	2.5	....	......	......
*St. Regis R.—Missoula R.—Mineral	17	62,090§	1,552.2	....	......	......
Saison Gulch—Muskrat Cr.—Jefferson	1	30	0.8	....	......	......
Salefsky Cr.—Big Hole R.—Beaverhead	2	520	13.0	....	......	......
Salls Cr.—L. Missouri R.—Fallon	1	240	6.0	....	......	......
Sally Cr.—Dog Cr.—Powell		See McDonald Creek.				
Salmon Trout Cr.—Big Blackfoot R.—Powell		See N. Fk. Big Blackfoot R.				
Salois Coulee—Dupuyer Cr.—Teton	1	100	2.5	....	......	......
Salt Cr.—Bear Cr.—Fergus	1	300	7.5	....	......	......
Salt Cr.—Ross Fork—Fergus	1	200	5.0	....	......	......
Salt Cr.—Judith R.—Fergus	9	2,060	51.5	....	......	......
N. Salt Gulch Canyon .... Broadwater	1	100	2.5	....	......	......
Salty Spring Cr.—Pondera Coulee—Chouteau	1	500	12.5	....	......	......
Sam's Coulee—Sun R.—Cascade	1	200	5.0	....	......	......
Sam Coulee .... Valley	1	1,728	43.2	....	......	......
Sanborn Cr.—Big Blackfoot R.—Lewis & C.	1	150	3.8	....	......	......
E. F. Sanborn Cr.—Sanborn Cr.—Lewis & C.	1	200	5.0	....	......	......
W. F. Sanborn Cr.—Sanborn Cr.—Lewis & C.	1	100	2.5	....	......	......

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§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Sanborn Cr.—Stillwater R.—Carbon	1	100	2.5	....	......	......
Sanborn Cr. Sweetgrass	1	100	2.5	....	......	......
Sand Coulee Cr.—Missouri R.—Cascade	59	†10,272§	256.8	....	......	......
E. F. Sand Coulee Cr.—Sand Coulee Cr.—Cascade	6	1,274	32.3	....	......	......
M. F. Sand Coulee Cr.—Sand Coulee Cr.—Cascade	5	738	18.4	....	......	......
R. F. Sand Coulee Cr.—Sand Coulee Cr.—Cascade		See Sand Coulee Creek.				
Sand Coulee—Missouri R.—Dawson	1	320	8.0	....	......	......
Sand Coulee—B. Sandy Cr.—Hill	2	360	9.0	....	......	......
Sand Coulee—Missouri R.—Richland	1	5,184	129.6	....	......	......
Sand Coulee—Milk R.—Valley	1	200	5.0	....	......	......
Sand Cr.—Big Hole R.—Beaverhead	1	640	16.0	....	......	......
Sand Cr.—Birch Cr.—Blaine, Chouteau	17	1,960	49.0	....	......	......
E. F. Sand Cr.—Sand Cr.—Blaine, Chouteau	1	60	1.5	....	......	......
N. E. F. Sand Cr.—Sand Cr.—Blaine, Ch'teau	1	40	1.0	....	......	......
Norden's Br. Sand Cr.—Sand Cr.—Blaine		See Norden Creek.				
N. F. Sand Cr.—Sand Cr.—Blaine, Chouteau	1	80	2.0	....	......	......
W. F. Sand Cr.—Sand Cr.—Blaine, Chouteau	2	260	6.5	....	......	......
L. F. Sand Cr.—Sand Cr.—Blaine, Chouteau	1	50	1.2	....	......	......
Sand Cr.—Clark Fork—Carbon	10	†3,385§	84.6	....	......	......
N. F. Sand Cr.—Sand Cr.—Carbon	1	80	2.0	....	......	......
Sand Cr.—Mizpah Cr.—Custer	2	520	13.0	....	......	......
Sand Cr.—Yellowstone R.—Custer	4	†15,000	375.0	....	......	......
Sand Cr.—Powder R.—Custer	3	3,800	95.0	....	......	......
Sand Cr.—B. Pilgrim Cr.—Custer	1	480	12.0	....	......	......
Sand Cr.—Powder R.—Custer	1	200	5.0	....	......	......
Sand Cr.—Tongue R.—Custer	1	500	12.5	....	......	......
Sand Cr.—Big Dry Cr.—Dawson	5	†15,600§	390.0	....	......	......
E. F. Sand Cr.—Sand Cr.—Dawson	1	320	8.0	....	......	......
W. F. Sand Cr.—Sand Cr.—Dawson	1	320	8.0	....	......	......
Sand Cr.—Yellowstone R. (E. Side)—Dawson	1	200	5.0	....	......	......
Sand Cr.—Yellowstone R. (W. Side)—Dawson	3	920§	23.0	....	......	......
Sand Cr.—Box Elder Cr.—Fallon	1	50	1.2	....	......	......
Sand Cr.—L. Missouri R.—Fallon	5	4,250	106.2	....	......	......
Sand Cr.—Dog Cr.—Fergus	1	150	3.8	....	......	......
Sand Cr.—Jefferson R.—Madison	9	635	15.9	....	......	......
Sand Cr.—Willow Cr.—Musselshell	6	11,270	281.8	....	......	......
Sand Cr.—Missouri R.—Dawson	5	5,400	135.0	....	......	......
Sand Cr.—Redwater Cr.—Richland	1	all	......	....	......	......
Sand Cr.—Rosebud R.—Rosebud	1	500	12.5	....	......	......
Sand Cr.—Yellowstone R.—Rosebud	7	4,400	110.0	....	......	......
Sand Cr.—Lake Cr.—Sheridan	1	160	4.0	....	......	......
Sand Cr.—Silver Bow Cr.—Silver Bow	15	†649§	16.2	....	......	......
Sand Cr.—Dry Lake—Toole	2	1,200	30.0	....	......	......
Sand Cr.—B. Muddy Cr.—Valley	1	1,000	25.0	....	......	......
Sand Cr.—Razor Cr.—Yellowstone	13	†2,660§	66.5	....	......	......
Sand Cr. Coulee—B. Muddy Cr.—Sheridan	1	1,728	43.2	....	......	......
Sand Cr. Lake—Spring Cr.—Yellowstone	3	21,000	525.0	....	......	......
Sanders Gulch Deer Lodge	1	†	......	....	......	......
Sanders Lake—Missoula R.—Missoula		See Rattlesnake Creek.				
Sanderson & Danford Drain—Yellowstone R.—Yellowstone	1	160	4.0	....	......	......
Sand Hill Draw—L. Missouri R.—Fallon	1	500	12.5	....	......	......
Sand Hollow Cr.—Big Hole R.—Beaverhead	1	320	8.0	....	......	......
Sand Hollow Cr.—Big Hole R.—Beaverhead	1	320	8.0	....	......	......
Sandidge Cr.—Musselshell—Fergus, Dawson	2	800	20.0	....	......	......
Sand Rock Coulee—Missouri R.—Chouteau	1	1,000	25.0	....	......	......
Sand Rock Coulee Dawson	1	2,000	50.0	....	......	......
Sand Rock Coulee—Muddy Cr.—Meagher	1	160	4.0	....	......	......
Sand Rock Coulee—B. Muddy Cr.—Sheridan	1	240	40.0	....	......	......
Sand Rock Coulee—Trail Cr.—Toole	1	80	2.0	....	......	......
Sandstone Coulee Chouteau	1	160	4.0	....	......	......
Sandstone Coulee—Red River—Toole	1	100	2.5	....	......	......
Sandstone Cr.—Powder R.—Custer	2	1,000	25.0	....	......	......
Sandstone Cr.—O'Fallon Cr.—Fallon	10	8,400	210.0	....	......	......
N. Sandstone Cr.—Sandstone Cr.—Fallon	5	2,300	57.5	....	......	......

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WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
S. Sandstone Cr.—Sandstone Cr.—Fallon	3	216	5.4	....	......	......
Sandy Lake ... Chouteau	1	300	7.5	....	......	......
San Pablo Cr.—Bison Cr.—Jefferson	1	80	2.0	2	30	0.8
Sapphire Gulch—W. F. Rock Cr.—Granite	5	9,800	245.0	....	......	......
Sapiel Cr.—Burnt Fork Cr.—Ravalli	2	130	3.2	....	......	......
Saratoga Cr.—Tramway Cr.—Silver Bow	4	110	2.8	....	......	......
Saratoga Gulch—Tramway Cr.—Silver Bow		See Saratoga Creek.				
Sarpy Cr.—Yellowstone R.—Big Horn, R'bud	15	9,000§	225.0	....	......	......
E. Sarpy Cr.—Sarpy Cr.—Big Horn, Rosebud	2	620	15.5	....	......	......
Sarvasin Cr. ... Lewis & Clark	1	1	0.0	....	......	......
Sarvis Berry Coulee—Missouri R.—Chouteau	1	320	8.0	....	......	......
Savenoe Cr.—St. Regis R.—Missoula		See Savanock Creek.				
Sauerault Cr.—Grasshopper Cr.—Beaverhead	1	160	4.0	....	......	......
Sauer Krout Cr.—B. Blackfoot R.—L. & C.	5	2,750	63.8	....	......	......
Saunders Coulee—Bull Hook Cr.—Hill		See Morris Coulee.				
Savage Coulee—Muddy Cr.—Teton	1	500	12.5	....	......	......
Savanock Cr.—St. Regis R.—Mineral	6	4,567	114.2	....	......	......
Savoy Cr.—Milk R.—Blaine	25	†26,840§	671.0	....	......	......
E. F. Savoy Cr.—Savoy Cr.—Blaine	1	†	......	....	......	......
M. F. Savoy Cr.—Savoy Cr.—Blaine	1	10,000	250.0	....	......	......
W. F. Savoy Cr.—Savoy Cr.—Blaine	3	200	5.0	....	......	......
Sawdust Cr.—Bitterroot R.—Ravalli		See Saw Tooth Creek.				
Sawin Coulee—Encampment Sr.—Cascade	1	40	1.0	....	......	......
Sawlog Canyon—La Marsh Cr.—Deer Lodge	1	200	5.0	....	......	......
Sawmill Coulee—Judith R.—Fergus	1	500	12.5	....	......	......
Sawmill Coulee—Hawk Cr.—Musselshell	1	150	3.8	....	......	......
Sawmill Cr.—Deep Cr.—Beaverhead	1	320	8.0	....	......	......
Sawmill Cr.—Grasshopper Cr.—Beaverhead	8	750	18.8	....	......	......
Sawmill Cr.—Odell Cr.—Beaverhead	1	200	5.0	....	......	......
Sawmill Cr.—Williams Cr.—Beaverhead	2	1,000	25.0	....	......	......
Sawmill Cr.—L. Belt Cr.—Cascade	5	9,200	230.0	....	......	......
Sawmill Cr.—Rock Cr.—Blaine		See Mill Creek.				
Sawmill Cr.—Liscom Cr.—Custer	1	500	12.5	....	......	......
Sawmill Cr.—Brown's Gulch—Deer Lodge	5	†270§	6.8	....	......	......
Sawmill Cr.—Mill Cr.—Deer Lodge	1	75	1.8	....	......	......
Sawmill Cr.—Warm Spring Cr.—Deer Lodge	2	1,250	31.2	....	......	......
Sawmill Cr.—L. Missouri R.—Fallon		See Sawmill Gulch.				
Sawmill Cr.—McDonald Cr.—Fergus	1	100	2.5	....	......	......
Sawmill Cr.—Missouri R.—Gallatin	1	100	2.5	....	......	......
Sawmill Cr.—Hell Gate R.—Granite	1	200	5.0	....	......	......
Sawmill Cr.—Lowland Cr.—Jefferson	6	938	23.4	....	......	......
Sawmill Cr.—S. F. Musselshell—Meagher	4	460	11.5	....	......	......
Sawmill Cr.—Smith R.—Meagher	2	400	10.0	....	......	......
Sawmill Cr.—Deaf Jim Cr.—Park	2	125	3.1	2	100	2.5
Sawmill Cr.—L. Blackfoot R.—Powell	2	425	10.6	....	......	......
Sawmill Cr.—Nevada Cr.—Powell	3	1,025	25.6	....	......	......
Sawmill Cr.—L. Mountain Cr.—Ravalli	2	550	13.8	1	100	2.5
Sawmill Cr.—Divide Cr.—Silver Bow	7	1,400	35.0	....	......	......
Sawmill Cr.—Silver Bow—Silver Bow	2	90	2.2	....	......	......
Sawmill Cr.—Yellowstone R.—Sweetgrass	1	200	5.0	....	......	......
Sawmill Draw—L. Missouri R.—Fallon		See Sawmill Gulch.				
Sawmill Gulch—Grasshopper Cr.—Beaverhead		See Sawmill Creek.				
Sawmill Gulch—Missouri R.—Blaine	2	400	10.0	....	......	......
Sawmill Gulch—L. Missouri R.—Fallon	3	1,600	40.0	....	......	......
Sawmill Gulch—Sage Cr.—Fergus	1	150	3.8	....	......	......
Sawmill Gulch—Warm Spring Cr.—Fergus	2	200	5.0	....	......	......
Sawmill Gulch—Flint Cr.—Granite	2	60	1.5	....	......	......
Sawmill Gulch—Cottonwood Cr.—Lewis & C.	1	200	5.0	....	......	......
Sawmill Gulch—L. Prickly Pear Cr.—Lewis & Clark	1	400	10.0	....	......	......
Sawmill Gulch—Prickly Pear Cr.—Lewis & C.	3	†200§	5.0	....	......	......
Rt. F. Sawmill Gulch—Prickly Pear Cr.—Lewis & Clark		See Sawmill Gulch.				
Sawmill Gulch (R. 3 W.)—Silver Creek—Lewis & Clark	1	400	10.0	....	......	......
Sawmill Gulch (R 5 W.)—Silver Creek—Lewis & Clark	1	150	3.8	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
L. F. Sawmill Gulch—Silver Cr.—Lewis & C.		See Sawmill Gulch.				
Sawmill Gulch ....Madison	1	†.......	......	....	......	......
Sawmill Gulch—White Tail Cr.—Meagher....	1	100	2.5	....	......	......
Sawmill Gulch—Hangman's Canyon—S'grass	1	150	3.8	....	......	......
Sawmill Lake—Beaverhead R.—Beaverhead..	1	600	15.0	....	......	......
Sawpit Canyon—Basin Cr.—Silver Bow	1	all	......	....	......	......
Sawpit Gulch—Elk Cr.—Granite	1	50	1.2	....	......	......
Saw Pit Gulch—Nine Mile Cr.—Missoula....	4	8,400	210.0	....	......	......
Saw Tooth Cr.—Cow Cr.—Blaine	1	100	2.5	....	......	......
Saw Tooth Cr.—Bitterroot R.—Ravalli......	22	19,970§	499.2	....	......	......
Saxon Cr. ....Chouteau	1	500	12.5	....	......	......
Scalp Cr.—Warm Springs Cr.—Fergus......	2	260	6.5	....	......	......
Schaffer Cr.—Thirteen Mile Cr.—Mineral....	1	400	10.0	....	......	......
Schiffman Cr.—Bitterroot R.—Ravalli	..	....	......	21	2,140	53.5
Schilling Coulee—Willow Cr.—Toole	1	120	3.0	....	......	......
Schmid Coulee—W. F. Milk R.—Blaine	1	400	10.0	....	......	......
Schnall Coulee—Musselshell R.—Musselshell	2	2,200	55.0	....	......	......
Schneider Cr.—Swamp Cr.—Lincoln	1	80	2.0	....	......	......
Schofield Cr.—Missouri R.—Cascade	1	500	12.5	....	......	......
School Coulee—Sun R.—Teton	1	400	10.0	....	......	......
School Coulee—Tongue R.—Big Horn........	1	1,500	37.5	....	......	......
School Cr.—Grasshopper Cr.—Beaverhead....	1	150	3.8	....	......	......
School Cr.—Sage Cr.—Fergus	1	50	1.2	....	......	......
School Cr.—N. F. Musselshell R.—Meagher..	2	200	5.0	....	......	......
School House Coulee—Wolf Cr.—Lewis & C.	1	75	3.9	....	......	......
School House Coulee—Redwater Cr.—R'land	1	500	12.5	....	......	......
School House Coulee—Missouri R.—Sheridan	1	5,184	129.6	....	......	......
School House Cr.—Big Timber Cr.—S'grass	1	all	......	....	......	......
School Meadow Cr.—Swan R.—Flathead.....	1	500	12.5	....	......	......
M. F. School Meadow Cr.—School Meadow Cr. Flathead	1	50	1.2	....	......	......
School Section Coulee—Big Sandy Cr.—C'teau	1	200	5.0	....	......	......
School Section Coulee—L. Box Elder Cr.—Hill	1	80	2.0	....	......	......
School Section Coulee—B. Muddy Cr.—Sheridan	1	5,184	129.6	....	......	......
School Section Coulee—Depuyer Cr.—Teton..	1	200	5.0	....	......	......
School Section Coulee—N. F. Pondera Coulee —Teton	1	200	5.0	....	......	......
School Section Coulee—Cherry Cr.—Valley..	1	800	20.0	....	......	......
School Section Cr.—Suction Cr.—Blaine......	1	80	2.0	....	......	......
School Section Cr.—Box Elder Cr.—Fallon...	1	100	2.5	....	......	......
School Section Cr.—Box Elder Cr.—Fallon...	5	4,000	100.0	....	......	......
School Section Cr.—L. Beaver Cr.—Fallon...	1	200	5.0	....	......	......
School Spring Coulee—Dry Cr.—Lewis & C.	1	100	2.5	....	......	......
Schreider Gulch—Pattee Gulch—Missoula....	1	all	......	....	......	......
Schrimmerhorn Gulch—Elk Cr.—Powell.....	5	610	15.2	....	......	......
Schroder Coulee—N. F. Milk R.—Blaine.....	1	160	4.0	....	......	......
Schudors Coulee—Cottonwood Cr.—Hill......	1	200	5.0	....	......	......
Schuele Gulch ....Broadwater	1	15	0.4	....	......	......
Schultz Coulee—Sage Cr.—Hill	1	600	15.0	....	......	......
Schultz Coulee—Marias R.—Teton	3	1,400	35.0	....	......	......
S. F. Schultz Coulee—Schultz Coulee—Teton	1	400	10.0	....	......	......
Schultz Cr. ....Park	1	250	6.2	....	......	......
Schulz Cr.—Peoples Cr.—Blaine	1	160	4.0	....	......	......
Schulze Cr.—Potter Cr.—Fergus	1	100	2.5	....	......	......
Schwartz Cr.—Grasshopper Cr.—Beaverhead	2	320	8.0	....	......	......
Schwartz Cr.—Medicine Lodge Cr.—B'head..	4	1,980	49.5	....	......	......
Schwartz Cr. ....Dawson	2	13,000	325.0	....	......	......
Schybocker Cr. ....Madison	1	50	1.2	....	......	......
Scoffin Cr.—Sheep Cr.—Teton	9	3,000	75.0	....	......	......
S. F. Scoffin Cr.—Scoffin Cr.—Teton	3	1,100	27.5	....	......	......
Scofield Cr.—Sweetgrass Cr.—Sweetgrass...	1	20	0.5	....	......	......
Scotch Coulee—L. Sage Cr.—Hill	11	9,800	245.0	....	......	......
Scotchman's Coulee—Judith R.—Fergus.....	2	400	10.0	....	......	......
Scotchman Coulee—Willow Cr.—Granite.....	1	500	12.5	....	......	......
Scott Coulee—Bull Hook Cr.—Hill	1	200	5.0	....	......	......
Scotts Coulee—B. Muddy Cr.—Sheridan	2	5,984	149.6	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Scott Coulee—Birch Cr.—Teton	1	440	11.0	....	......	......
Scott Cr.—Clear Cr.—Blaine	1	230	5.8	....	......	......
Scott Cr.—Warm Spring Cr.—Fergus	1	50	1.2	....	......	......
Scott Cr. ....Lewis & Clark	1	200	5.0	....	......	......
Scott Cr.—Sheep Cr.—Meagher	1	300	7.5	....	......	......
Scott Gulch Cr.—Flint Cr.—Granite	1	50	1.2	....	......	......
Scottish Cr.—Godfrey Cr.—Chouteau	1	300	7.5	....	......	......
Scotty Coulee—Dry Lake—Toole	2	600	15.0	....	......	......
Scudder Cr.—Grasshopper Cr.—Beaverhead	3	230	5.8	2	220	5.5
Scull Butte Cr.—Rocky Gap Cr.—Cascade	1	50	1.2	....	......	......
Scully Cr.—Tom Miner Cr.—Park	4	1,260	31.5	....	......	......
Scully Gulch—7-Mile Cr.—Lewis & Clark		See Skelly Gulch.				
Seapree Cr.—Paddock Cr.—Mineral	1	50	1.2	....	......	......
Sears Cr.—Big Springs Cr.—Fergus	1	100	2.5	....	......	......
Sears Gulch—Cottonwood Cr.—Lewis & C.	3	400	10.0	....	......	......
Sebastian Lake—Rattlesnake Cr.—Missoula	1	150	3.8	....	......	......
Second Cr.—Alder Cr.—Blaine	2	360	9.0	....	......	......
Second Cr.—Bear Cr.—Custer	1	600	15.0	....	......	......
Second Cr.—Mizpah Cr.—Custer	1	1,220	30.5	....	......	......
E. Second Cr.—Second Cr.—Custer	1	2,000	50.0	....	......	......
Second Cr.—Pumpkin Cr.—Custer	1	200	5.0	....	......	......
Second Cr. (T. 3 N.)—Powder R.—Custer	1	2,000	50.0	....	......	......
E. Second Cr. (T. 4 N.)—Powder R.—Custer	1	1,000	25.0	....	......	......
Second Cr. (T. 6 S.)—Powder R.—Custer	2	4,500	112.5	....	......	......
Second Cr.—Cedar Cr.—Mineral	1	250	6.2	....	......	......
Second Cr.—Missoula R.—Mineral	6	3,000	75.0	....	......	......
Second Cr.—W. Boulder R.—Park	1	100	2.5	....	......	......
Second Cr.—Tongue R.—Rosebud	1	500	12.5	....	......	......
Second Cr.—Combert Cr.—Sanders	1	40	1.0	....	......	......
Second Cr.—Larb Cr.—Valley	8	4,020	100.5	....	......	......
E. F. Second Cr.—Second Cr.—Valley	1	2,000	50.0	....	......	......
Second Hay Cr.—Hay Cr.—Dawson	6	856	21.4	....	......	......
Secret Cr.—Basin Cr.—Silver Bow	1	all	......	....	......	......
Secret Gulch—Bear Gulch—Granite	1	300	7.5	....	......	......
Section Cr.—Beaver Dam Cr.—Fallon	1	500	12.5	....	......	......
Section Cr.—Cottonwood Cr.—Park	1	75	1.9	....	......	......
Section House Cr.—Blacktail Cr.—Silver Bow	1	40	1.0	....	......	......
Section House Cr.—Yellowstone R.—St'water	2	440	11.0	....	......	......
S. F. Section House Cr.—Section House Cr.—Stillwater	2	50	1.2	....	......	......
Section House Cr.—Yellowstone R.—Sw'grass	1	50	1.2	....	......	......
Section 12 Cr.—Missoula R.—Mineral	1	35	0.9	....	......	......
Seed Cr.—Big Hole R.—Beaverhead	1	400	10.0	....	......	......
Seelot Cr.—Jocko R.—Missoula	1	80	2.0	....	......	......
Seels Coulee—Missouri R.—Richland	1	480	12.0	....	......	......
Seely Cr.—Rocky Fork—Carbon	2	1,300	32.5	....	......	......
Seim Cr.—L. Missouri R.—Fallon		See Siam Creek.				
Se Kora Coulee—Eagle Cr.—Hill	1	200	5.0	....	......	......
Selander Cr.—Spring Cr.—Yellowstone	2	244	6.1	....	......	......
Selas Cr.—Flathead R.—Sanders	1	100	2.5	....	......	......
Selm Cr.—Flathead R.—Sanders	1	80	2.0	....	......	......
Selsig Cr.—W. F. Bitterroot R.—Ravalli	2	500	12.5	....	......	......
Selway Cr.—Bloody Dick Cr.—Beaverhead	1	240	6.0	1	196	4.9
Selway Cr.—Beaverhead R.—Beaverhead		See Beaverhead River.				
Selway Cr.—Carter Cr.—Beaverhead	1	160	4.0	....	......	......
Seminary Cr.—Cottonwood Cr.—Fallon	1	1,000	25.0	....	......	......
Sendrud Cr.—L. Beaver Cr.—Fallon	1	300	7.5	....	......	......
Serrine Cr.—Box Elder Cr.—Dawson	1	300	7.5	....	......	......
Settle Cr.—Powder R.—Custer	1	1,600	40.0	....	......	......
Setz Cr.—Clear Cr.—Blaine	1	40	1.0	....	......	......
Seven Blackfoot Cr.—Missouri R.—Dawson	1	1,000	25.0	....	......	......
Seven Mile Coulee—Beaver C.—Blaine	7	2,850	71.2	....	......	......
Seven Mile Coulee—Missouri R.—Blaine	1	all	......	....	......	......
Seven Mile Coulee—Dry Lake—Toole	3	1,100	27.5	....	......	......
S. F. Seven Mile Coulee—Seven Mile Coulee—Toole	1	400	10.0	....	......	......
Seven Mile Cr.—Yellowstone R.—Dawson	1	600	15.0	....	......	......
Seven Mile Cr.—Big Cr.—Deer Lodge	4	2,650	66.2	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Seven Mile Cr.—L. Missouri R.—Fallon.....	1	500	12.5	....	......	......
*Seven Mile Cr.—Ten Mile Cr.—Lewis & C.	33	†6,030§	150.8	....	......	......
Seven Mile Cr.—Missoula R.—Mineral......	3	3,800	95.0	....	......	......
Seven Mile Cr.—Otter Cr.—Sweetgrass	1	150	3.8	....	......	......
Seven Mile Cr.—Beaver Cr.—Valley	7	3,200	80.0	....	......	......
S. F. Seven Mile Cr.—Seven Mile Cr.—Valley	1	500	12.5	....	......	......
Seven Mile Cr.—Yellowstone R.—Yellowstone	1	1,000	25.0	....	......	......
Seven Mile Gulch—Spokane Cr.—Lewis & C.	1	25	0.6	....	......	......
Seven Mile Stream—Ten Mile Cr.—Lewis & C.		See Seven Mile Creek.				
Sevenson Cr.—Cherry Cr.—Custer	1	†	......	....	......	......
Seven Spring Coulee—Red Bluff Cr.—Fergus	1	200	5.0	....	......	......
Seventh Point Coulee ....Valley	1	2,000	50.0	....	......	......
Seventy Six Cr.—Hanging Woman Cr.—Big Horn	1	500	12.5	....	......	......
Seven Up Pete Cr.—B. Blackfoot R.—L. & C.	8	1,520	38.0	....	......	......
N. F. Seven Up Pete Cr.—Seven Up Pete Cr. —Lewis & Clark	1	40	1.0	....	......	......
S. F. Seven Up Pete Cr.—Seven Up Pete Cr. —Lewis & Clark	1	40	1.0	....	......	......
Seward Cr.—Falls Cr.—Park	2	2,000	50.0	....	......	......
Sewart Cr.—Judith R.—Fergus	1	160	4.0	....	......	......
Sewell Cr.—Clark F. Columbia R.—Sanders	2	640	16.0	....	......	......
Sewers—Yellowstone R.—Yellowstone	3	28,000	700.0	....	......	......
Seymour Cr.—Big Hole R.—Deer Lodge......	16	12,044	301.1	....	......	......
"S. 14" Cr.—Post Cr.—Missoula	2	8,000	200.0	....	......	......
Shack Cr. ....Dawson	1	160	4.0	....	......	......
Shadwell Cr.—Yellowstone R.—Richland....	1	500	12.5	....	......	......
Shafer Cr.—Flathead Cr.—Park	1	80	2.0	1	60	1.5
Shafer Gulch—O'Fallon Cr.—Fallon	1	500	12.5	....	......	......
Shafer Hollow—Deep Cr.—Broadwater	1	100	2.5	....	......	......
Shaffer Cr.—Cottonwood Cr.—Gallatin	1	240	6.0	....	......	......
Shaffer Gulch—Ten Mile Cr.—Lewis & Clark	1	20	0.5	....	......	......
Shalden Cr.—L. Missouri R.—Fallon	1	1,000	25.0	....	......	......
Shale Coulee—Willow Cr.—Toole	1	400	10.0	....	......	......
Shale Cr. ....Custer	1	200	5.0	....	......	......
Shallow Coulee—Rocky Coulee—Toole......	1	800	20.0	....	......	......
Shallow Cr.—Horse Cr.—Big Horn	1	3,000	75.0	....	......	......
Shallow Cr.—McKellar Cr.—Ravalli	1	200	5.0	....	......	......
Shambow Cr.—Odell Cr.—Beaverhead	2	500	12.5	....	......	......
Shambow Cr.—Red Rock—Beaverhead	1	200	5.0	....	......	......
Sham Cr.—Highwood Cr.—Chouteau	2	450	11.2	....	......	......
Shamrock Cr.—Jerry Cr.—Silver Bow	1	500	12.5	....	......	......
Shane Cr.—Stillwater R.—Stillwater	8	2,800	70.0	....	......	......
E. F. Shane Cr.—Shane Cr.—Carbon	1	100	2.5	....	......	......
W. F. Shane Cr.—Shane Cr.—Carbon	1	160§	4.0	....	......	......
Shanghigh Gulch—Elk Cr.—Powell	1	100	2.5	....	......	......
Shanley Cr.—Flathead R.—Flathead	1	100	2.5	....	......	......
Shanley Cr.—B. Blackfoot R.—Powell	30	†23,030§	575.8	....	......	......
N. F. Shanley Cr.—Shanley Cr.—Powell....		See Shanley Creek.				
E. F. Shanley Cr.—Shanley Cr.—Powell....		See Shanley Creek.				
N. W. F. Shanley Cr.—Shanley Cr.—Powell..		See Shanley Creek.				
W. F. Shanley Cr.—Shanley Cr.—Powell....		See Shanley Creek.				
Shannon Cr.—Lone Tree Cr.—Cascade	7	670§	16.7	....	......	......
Sharkaho Cr.—Bitterroot R.—Ravalli		See Skalkaho Creek.				
Sharnkow Coulee—Milk R.—Blaine	1	1,000	25.0	....	......	......
Sharp Cr.—Tom Miner Cr.—Park	1	50	1.2	....	......	......
Sharp Cr.—Owl Cr.—Powell	1	400	10.0	....	......	......
Sharpy Cr.—Boulder R.—Sweetgrass	1	300	7.5	....	......	......
E. Sharpy Cr.—Sharpy Cr.?—Custer	1	1,500	37.5	....	......	......
Sharratt Cr.—Bitterroot R.—Ravalli	9	2,930	73.2	....	......	......
Sharritt Cr.—Bitterroot R.—Ravalli		See Sharratt Creek.				
Shaw Cr.—Highwood Cr.—Chouteau	1	200§	5.0	....	......	......
Sheafman Cr.—Bitterroot R.—Ravalli	7	a940§	23.5	....	......	......
S. Br. Sheafman Cr.—Sheafman Cr.—Ravalli	1	200	5.0	....	......	......
Shearers Cr.—Flathead Lake—Flathead	1	40	1.0	....	......	......

a—Add 120 acre-feet.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

†Add to filings amounts not given.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Shearing Camp Coulee—Milk R.—Toole	1	1,000	25.0	....	......	......
Shedal Cr.—Box Elder Cr.—Fallon	1	1,000	25.0	....	......	......
Shed Coulee—B. Muddy Cr.—Sheridan	4	3,400	85.0	....	......	......
Shed Coulee—Pondera Coulee—Toole	1	1,000	25.0	....	......	......
Shedd Cr.—Yellowstone R.—Sweetgrass	1	200	5.0	....	......	......
Sheddy Cr.—Missouri R.—Broadwater	1	500	12.5	....	......	......
Sheehans Coulee—Milk R.—Hill	2	1,700	42.5	....	......	......
Sheep Canyon—Blacktail Deer Cr.—B'head		See Sheep Canyon Creek.				
Sheep Corel—Bitterroot R.—Ravalli		See Willounby Creek.				
Sheep Coulee—Milk R.—Blaine	1	600	15.0	....	......	......
Sheep Coulee—Big Otter Cr.—Cascade	2	360	9.0	....	......	......
Sheep Coulee—Big Sandy Cr.—Chouteau	1	200	5.0	....	......	......
Sheep Coulee—Eagle Cr.—Chouteau	1	200	5.0	....	......	......
Sheep Coulee—Teton R.—Chouteau	4	3,200	80.0	....	......	......
W .F. Sheep Coulee—Sheep Coulee—Chouteau	1	80	2.0	....	......	......
Sheep Coulee—Marias R.—Chouteau	1	240	6.0	....	......	......
Sheep Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Sheep Coulee—B. Muddy Cr.—Sheridan	3	2,980	74.5	....	......	......
Sheep Coulee—Missouri R.—Sheridan	1	200	5.0	....	......	......
Sheep Coulee—Dry F. Marias R.—Teton	1	400	10.0	....	......	......
Sheep Coulee—Dry Lake—Toole	1	200	5.0	....	......	......
Sheep Cr.—Blacktail Deer Cr.—Beaverhead		See Sheep Canyon Creek.				
Sheep Cr.—Red Rock R.—Beaverhead		See Big Sheep Creek.				
Sheep Cr.—Big Hole R.—Beaverhead	4	820	20.5	....	......	......
Sheep Cr.—Grasshopper Cr.—Beaverhead	3	275	6.9	1	all	
Sheep Cr.—Stanley Cr.—Beaverhead	7	1,820	45.5	....	......	......
N. F. Sheep Cr.—Sheep Cr.—Beaverhead	2	240	6.0	....	......	......
S. F. Sheep Cr.—Sheep Cr.—Beaverhead	4	480	12.0	....	......	......
Sheep Cr.—Wise R.—Beaverhead	5	3,650	91.2	....	......	......
Sheep Cr.—Bull Cr.—Big Horn	1	200	5.0	....	......	......
Sheep Cr.—Spokane Cr.—Broadwater	2	200	5.0	....	......	......
Sheep Cr.—Bear Cr.—Carbon	2	900	22.5	....	......	......
Sheep Cr.—Missouri R.—Cascade	3	1,000	25.0	....	......	......
Sheep Cr.—Missouri R.—Chouteau	1	300	7.5	....	......	......
Sheep Cr.—Mizpah Cr.—Custer	1	1,000	25.0	....	......	......
Sheep Cr.—L. Powder R.—Custer	1	500	12.5	....	......	......
S. F. Sheep Cr.—Sheep Cr.—Custer	1	400	10.0	....	......	......
Sheep Cr.—Powder R. (T. 6 N.)—Custer	4	6,100§	152.5	....	......	......
N. Prong Sheep Cr.—Sheep Cr.—Custer	1	40	1.0	....	......	......
Sheep Cr.—Powder R. (T. 9 S.)—Custer	1	1,000	25.0	....	......	......
Sheep Cr.—Tusler Cr.—Dawson	2	2,000	50.0	....	......	......
Sheep Cr.—Warm Spring Cr.—Deer Lodge	11	930	23.2	....	......	......
Sheep Cr.—Cottonwood Cr.—Fallon	1	500	12.5	....	......	......
Sheep Cr.—Warm Spring Cr.—Fergus	1	100	2.5	....	......	......
Sheep Cr.—Potter Cr.—Gallatin, Park	1	40	1.0	....	......	......
Sheep Cr.—Dry Fork—Hill	1	160	4.0	....	......	......
Sheep Cr.—Spokane Cr.—Jefferson	5	2,796	69.9	....	......	......
Sheep Cr.—Dry Cr.—Lewis & Clark	3	350	8.8	....	......	......
Sheep Cr.—Flat Cr.—Lewis & Clark	3	225§	5.6	....	......	......
Sheep Cr.—L. Prickly Pear Cr.—Lewis & C.	12	7,295	182.4	....	......	......
Sheep Cr.—M. F. Dearborn R.—Lewis & C.		See Indian Creek.				
Sheep Cr.—Madison R.—Madison	2	†1,000	25.0	....	......	......
Sheep Cr.—Sweet Water Cr.—Madison	2	150	3.8	....	......	......
Sheep Cr.—Flagstaff Cr.—Meagher	1	200	5.0	....	......	......
Sheep Cr.—Freeman Cr.—Meagher	1	50	1.2	....	......	......
Sheep Cr.—Smith R.—Meagher	31	77,730§	1,943.2	....	......	......
Sheep Cr.—W. Boulder R.—Park	1	160	4.0	....	......	......
Sheep Cr.—Brackett Cr.—Park	3	†150§	3.8	1	100	2.5
Sheep Cr.—Dailey Cr.—Park	1	80	2.0	1	100	2.5
Sheep Cr.—Falls Cr.—Park	3	900	22.5	....	......	......
Sheep Cr.—Stillwater R.—Park	1	1,500	37.5	....	......	......
Sheep Cr.—Yellowstone R.—Park	3	†100	2.5	3	240	6.0
Sheep Cr.—Hell Gate R.—Powell	1	400	10.0	....	......	......
Sheep Cr.—B. Muddy Cr.—Sheridan	3	12,096§	302.4	....	......	......
E. F. Sheep Cr.—Sheep Cr.—Sheridan	1	5,184	129.6	....	......	......
W. F. Sheep Cr.—Sheep Cr.—Sheridan	2	4,800	120.0	....	......	......
Sheep Cr.—Fishtail Cr.—Stillwater	2	400	10.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Sheep Cr.—Limestone Cr.—Stillwater	1	10	0.2	....	......	......
Sheep Cr.—White Beaver Cr.—Stillwater	4	810	20.2	....	......	......
Sheep Cr.—Boulder R.—Sweetgrass	1	100	2.5	....	......	......
*Sheep Cr.—Dupuyer Cr.—Teton	21	47,700§	1,192.5	....	......	......
N. F. Sheep Cr.—Sheep Cr.—Teton	19	22,868§	571.7	....	......	......
S. F. Sheep Cr.—Sheep Cr.—Teton	7	7,540	188.5	....	......	......
Sheep Cr.—Willow Cr.—Toole	6	1,270	31.8	....	......	......
Sheep Cr.—Milk R.—Valley	1	1,000	25.0	....	......	......
Sheep Cr.—Alkali Cr.—Yellowstone	1	800	20.0	....	......	......
Sheep Cr.—Elk Cr.—Yellowstone	1	160	4.0	....	......	......
Sheep Draw—L. Missouri R.—Fallon	1	500	12.5	....	......	......
Sheep Gulch—Donnahoo Cr.—Park	3	570	14.2	....	......	......
Sheep Gulch—Ambrose Cr.—Ravalli	1	100	2.5	....	......	......
Sheep Gulch—Divide Cr.—Silver Bow	1	80	2.0	....	......	......
Sheep Gulch—Duffy Cr.—Silver Bow	1	20	0.5	....	......	......
Sheep Gulch—Moose Cr.—Silver Bow	5	690	17.2	....	......	......
Sheep Camp Coulee—Bull Hook Cr.—Hill	3	1,200	30.0	....	......	......
Sheep Camp Coulee .... Valley	1	1,000	25.0	....	......	......
Sheep Camp Coulee—Missouri R.—Richland	1	400	10.0	....	......	......
Sheep Camp Coulee—Yellowstone R.—R'hland	1	400	10.0	....	......	......
Sheep Camp Cr.—Deer Lodge R.—Deer L.	1	400	10.0	....	......	......
Sheep Camp Cr.—L. Beaver Cr.—Fallon	4	1,400	35.0	....	......	......
S. F. Sheep Camp Cr. .... Fallon		See Sheep Camp Creek.				
Sheep Camp Cr.—Sixteen Mile Cr.—Gallatin	1	100	2.5	....	......	......
Sheep Camp Cr.—Big Elk Cr.—Meagher	2	200	5.0	....	......	......
Sheep Camp Gulch—N. F. L. Blackfoot R.—Powell	1	†......§	......	....	......	......
Sheep Canyon Cr.—Blacktail Deer Cr.—Beaverhead	5	1,280	32.0	....	......	......
Sheep Corrall Cr.—Box Elder Cr.—Chouteau	1	100	2.5	....	......	......
Sheep Corral Cr.—Grasshopper Cr.—B'head	1	300	7.5	....	......	......
Sheep Corral Canyon—Bitterroot R.—Ravalli	1	300	7.5	....	......	......
Sheep Dip Cr.—Deep Cr.—Teton	2	110	2.8	....	......	......
Sheephorn Gulch—Cottonwood Cr.—Powell	1	all	......	....	......	......
Sheep Mountain Cr.—Elk Cr.—Lewis & Clark	1	all	......	....	......	......
Sheep Ranch Ravine—Deer Lodge R.—D. L.	1	200	5.0	....	......	......
Sheep Rock Gulch—Bison Cr.—Jefferson	1	50	1.2	....	......	......
Sheep Shed Coulee—Big Sandy Cr.—Hill	1	1,000	25.0	....	......	......
Sheep Shed Coulee—Missouri R.—Sheridan	3	10,488	262.2	....	......	......
Sheep Shed Coulee—Missouri R.—Valley	2	†4,000	100.0	....	......	......
Sheering Pen Cr.—Spring Cr.—Fallon	1	200	5.0	....	......	......
Shelby Lake—Dry Lake—Toole	2	1,200	30.0	....	......	......
Sheldon Cr.—L. Missouri R.—Fallon	1	500	12.5	....	......	......
Sheldon Cr.—Kootenai R.—Lincoln	1	100	2.5	....	......	......
Sheldon Gulch—Sand Cr.—Silver Bow	1	15	0.4	....	......	......
Shell Butte Cr. .... Chouteau	1	600	15.0	....	......	......
Shell Cr.—Madison R.—Madison	1	120	3.0	....	......	......
Shell Cr.—Shot Gun Cr.—Sheridan	9	11,056	276.4	....	......	......
E. F. Shell Cr.—Shell Cr.—Sheridan	1	400	10.0	....	......	......
Shell Rock Cr.—Missouri R.—Valley	1	200	5.0	....	......	......
Shence Cr.—Stillwater R.—Park	1	300	7.5	....	......	......
Shepard Coulee—Dry F. Marias R.—Teton	4	800	20.0	....	......	......
Shepard Coulee—Teton R.—Teton	1	200	5.0	....	......	......
Shepard Cr.—Dry F. Marias R.—Teton		See Shepard Coulee.				
Shepherd Cr.—Big Sheep Cr.—Beaverhead	1	320	8.0	....	......	......
Shepherd Spr. Cr.—Blackleaf Cr.—Teton	1	100	2.5	....	......	......
Sherman Coulee—Milk R.—Toole	2	800	20.0	....	......	......
Sherman Cr.—Tobacco R.—Lincoln	1	400	10.0	....	......	......
Sherman Lake—Milk R.—Toole		See Sherman Coulee.				
Sherrett Cr.—Bitterroot R.—Ravalli		See Sharratt Creek.				
Sherril Cr.—Box Elder Cr.—Fallon	2	2,000	50.0	....	......	......
Sherry Cr.—Blue Cloud Cr.—Lewis & Clark	2	100	2.5	....	......	......
Shields Coulee—Missouri R.—Sheridan	1	1,000	25.0	....	......	......
*Shields R.—Yellowstone R.—Park	79	†50,326§	1,258.2	95	23,264	581.6
S. F. Shields R.—Shields R.—Park	14	3,405	85.1	....	......	......
Shiffman Cr.—Mill Cr.—Ravalli		See Sheafman Creek.				
Shiloh Cr. Lake—Shiloh Cr.—Ravalli	1	500	12.5	....	......	......
Shineberger Cr.—Red Rock R.—Beaverhead	4	670	16.8	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Shingle Cr.—Prickly Pear Cr.—Jefferson.....	2	55	1.4	f 1	10	0.2
Shingle Cr.—Bridger Cr.—Sweetgrass	1	50	1.2	....	......	.....
Shingle Mill Cr.—Warm Spring Cr.—Fergus	2	125	3.1	....	......	......
Shingle Mill Cr.—Nevada Cr.—Powell	3	110	2.8	....	......	......
Shipley Coulee—Miner Coulee—Toole	1	80	2.0	....	......	......
Shipton Cr.—Shields R.—Park	1	50	1.2	....	......	......
Shirt Cr.—Clark Fork—Carbon	1	all	......	....	......	......
Shoddy Spr. Cr.—Missouri R.—Jefferson.....	2	660	16.5	....	......	......
Shoes Gulch ....Deer Lodge	1	all	......	....	......	......
Sholts Coulee—Marias R.—Teton		See Schultz Coulee				
Shonkin Cr.—Missouri R.—Chouteau	39	†10,816§	270.4	1	500	12.5
E. F. Shonkin Cr.—Shonkin Cr.—Chouteau...	1	†	......	....	......	......
M. F. Shonkin Cr.—Shonkin Cr.—Chouteau..	1	500	12.5	....	......	......
S. F. Shonkin Cr.—Shonkin Cr.—Chouteau..	2	†all	......	....	......	......
W. F. Shonkin Cr.—Shonkin Cr.—Chouteau..	3	†270	6.8	....	......	......
Shook Cr.—E. F. Bitterroot R.—Ravalli.....	1	100	2.5	....	......	......
Shopers Cr.—Cottonwood Cr.—Gallatin	1	100	2.5	....	......	......
Shore Gulch—Nevada Cr.—Powell	4	†1,000	25.0	....	......	......
Shores Cr.—Nevada Cr.—Powell		See Shores Gulch				
Short Coulee—Missouri R.—Chouteau	1	all	......	....	......	......
Short Coulee—Powder R.—Custer	1	1,000	25.0	....	......	......
Short Coulee—L. Powder R.—Custer	1	1,000	25.0	....	......	......
Short Coulee—Tongue R.—Custer	1	1,000	25.0	....	......	......
Short Coulee—Rock Cr.—Valley	1	400	10.0	....	......	......
Short Cr. ....Custer	2	2,000	50.0	....	......	......
Short Cr. ....Custer	4	6,500	162.5	....	......	......
Short Cr.—Mizpah Cr.—Custer	1	500	12.5	....	......	......
Short Cr.—Powder R. (T. 6 S.)—Custer......	2	1,700	42.5	....	......	......
Short Cr.—Powder R. (T. 7 S.)—Custer......	1	200	5.0	....	......	......
Short Cr.—Powder R. (T. 3 N.)—Custer......	1	†	......	....	......	......
Short Cr.—Tongue R.—Custer	1	1,000	25.0	....	......	......
Short Cr.—L. Missouri R. (R. 60 E.)—Fallon	2	4,000	100.0	....	......	......
Short Cr.—Box Elder Cr. (T. 1 S.)—Fallon..	2	2,200	55.0	....	......	......
Short Cr.—Box Elder Cr. (T. 2 N.)—Fallon..	1	500	12.5	....	......	......
Short Cr.—L. Missouri R. (R. 62 E.)—Fallon	1	500	12.5	....	......	......
Prong of Short Cr.—Short Cr.?—Fallon.....	1	1,000	25.0	....	......	......
Short Cr.—Flint Cr.—Granite	1	50	1.2	....	......	......
Short Cr.—Madison R.—Madison	2	550	13.8	....	......	......
Short Cr.—Ruby R.—Madison	1	40	1.0	....	......	......
Short Cr.—Shields R.—Park	1	100	2.5	....	......	......
Short Cr.—Indian Cr.—Rosebud	1	1,000	25.0	....	......	......
Short Cr.—Rosebud R.—Rosebud	1	1,000	25.0	....	......	......
Short Cr.—Boulder R.—Sweetgrass	1	250	6.2	....	......	......
Short Gulch—Maginnis Cr.—Powell	1	150	3.8	....	......	......
Shorthill Cr.—Yellowstone R.—Park	2	320	8.0	....	......	......
Shorty Cr.—Belt Cr.—Cascade	1	500	12.5	....	......	......
Shorty Lake—Dry Lake—Toole	1	†	......	....	......	......
Shot Gun Cr.—Red R.—Beaverhead	1	400	10.0	....	......	......
Shot Gun Cr.—Missouri R.—Sheridan	28	58,436§	1,460.9	....	......	......
E. F. Shot Gun Cr.—Shot Gun Cr.—Sheridan	2	640	16.0	....	......	......
N. F. Shot Gun Cr.—Shot Gun Cr.—Sheridan	2	1,400	35.0	....	......	......
W. F. Shot Gun Cr.—Shot Gun Cr.—Sheridan	2	5,564	139.1	....	......	......
Shoshone R.—Big Horn R.—Carbon	2	20	0.5	....	......	......
Shovel Cr. ....Madison	1	325	8.1	....	......	......
Showers Cr.—W. F. Rock Cr.—Granite	1	1,000	25.0	....	......	......
Shreve Cr.—Tongue R.—Big Horn	1	560	14.0	....	......	......
Shufelt Coulee—Milk R.—Valley	1	600	15.0	....	......	......
Shult Cr.—Cabin Cr.—Fallon	1	500	12.5	....	......	......
Shupe Coulee—Box Elder Cr.—Cascade	1	100	2.5	....	......	......
Shutz Coulee—Dry Lake—Toole	1	2,000	50.0	....	......	......
Shylock Cr.—Sixteen Mile Cr.—Meagher	1	100	2.5	....	......	......
E. F. Shylock Cr.—Shylock Cr.—Meagher...	1	200	5.0	....	......	......
Siam Cr.—L. Missouri R.—Fallon	3	6,500	162.5	....	......	......
Sibley Gulch—Smith Cr.—Meagher	1	†	......	....	......	......
Sicord Gulch ....Granite	1	50	1.2	....	......	......
Sids Coulee ....Chouteau	1	200	5.0	....	......	......
Signal Butte Cr.—Yellowstone R.—Custer...	1	2,000	50.0	....	......	......

f—Federal decree.
†Add to filings amounts not given.
§Filings on springs and unnamed creeks and coulees tributary are included.
*Measurement of flow shown in either 5th or 6th report.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Signal Coulee—Red Rock Coulee—Hill	1	all	......	....	......	......
Sikes Canyon Cr.—Bridger Cr.—Gallatin	2	all	......	....	......	......
Silas Coulee—B. Muddy Cr.—Sheridan	1	5,814	145.4	....	......	......
Silon Cr.—Flathead R.—Sanders	1	1,600	40.0	....	......	......
Silver Cr. .... Cascade	1	5	0.1	....	......	......
Silver Cr.—Mill Cr.—Deer Lodge	1	40	1.0	....	......	......
Silver Cr.—L. Willow Cr.—Granite	1	200	5.0	....	......	......
Silver Cr.—Prickly Pear Cr.—Lewis & Clark	46	†7,244§	181.1	....	......	......
Jenners F. Silver Cr.—Silver Cr.—Lewis & C.	1	†50	1.2	....	......	......
Silver Cr.—Hot Spring Cr.—Madison	4	†	......	....	......	......
Silver Cr.—St. Regis R.—Missoula	12	283,699	7,092.5	....	......	......
Silver Cr.—Savanock Cr.—Mineral	1	100	2.5	....	......	......
Silver Cr.—McKellar Cr.—Ravalli	1	150	3.8	....	......	......
Silver Cr.—Stillwater R.—Stillwater	1	200	5.0	....	......	......
Silver Cr.—Boulder R.—Sweetgrass, Park	3	660	16.5	....	......	......
Silver Cr. .... Yellowstone	1	†	......	....	......	......
Silver Cr.—S. Willow Cr.—Madison	1	40	1.0	....	......	......
Silver Lake—Judith R.—Cascade		See Yogo Creek.				
Silver Lake—Warm Spr. Cr.—Deer Lodge	3	2,200	55.0	....	......	......
Silver Lake—Sage Cr.—Hill	1	400	10.0	....	......	......
Silver Lake—Lake Cr.—Lewis & Clark		See Lake Creek.				
Silver Mountain .... Gallatin	3	3,000	75.0	....	......	......
Silver Run .... Carbon	1	200	5.0	....	......	......
Silver Bell Cr.—N. F. Poorman—Lewis & C.	1	240	6.0	....	......	......
Silver Bow Cr.—Silver Butte Cr.—Lincoln	1	1,000	25.0	....	......	......
Silver Bow Cr.—Deer Lodge R.—Silver Bow	65	†56,467§	1,411.7	....	......	......
S. F. Silver Bow Cr.—Silver Bow Cr.— S. B.		See Blacktail Creek.				
Silver Butte Cr.—Fisher R.—Lincoln	1	1,000	25.0	....	......	......
N. F. Silver Butte Cr.—Silver Butte Cr.—Lincoln	1	500	12.5	....	......	......
Silver Cable Cr.—Fisher R.—Lincoln	1	500	12.5	....	......	......
Silver Hill Cr.—Flint Cr.—Granite	2	660	16.5	....	......	......
Silver King Cr. .... Missoula	1	all	......	....	......	......
Silverman Coulee—Dry Lake—Teton	1	†	......	....	......	......
Silver Reef Cr.—Fords Cr.—Fergus	1	50	1.2	....	......	......
Silver Spring Cr. .... Jefferson	2	100	2.5	....	......	......
Silver Spr. Gulch—Rattlesnake Cr.—B'head	1	80	2.0	....	......	......
Silverstar Cr.—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Silverthorne Cr.—Bitterroot R.—Ravalli	1	160	4.0	....	......	......
Simeros Coulee—Willow Cr.—Toole	2	600	15.0	....	......	......
Simmes Summer Camp Lake—Dry Lake—Toole	1	100	2.5	....	......	......
Simmons Coulee—Half Breed Cr.—Hill	1	200	5.0	....	......	......
Simmons Cr.—Willow Cr.—Toole	9	1,560	39.0	....	......	......
E. F. Simmons Cr.—Simmons Cr.—Toole	1	100	2.5	....	......	......
W. F. Simmons Cr.—Simmons Cr.—Toole	1	100	2.5	....	......	......
Simons Cr.—Fish Cr.—Sweetgrass	1	200	5.0	....	......	......
*Sims Cr.—Sun R.—Cascade, Lewis & Clark	28	6,685§	167.1	....	......	......
S. F. Sims Cr.—Sims Cr.—Cascade	1	12,00	30.0	....	......	......
W. F. Sims Cr.—Sims Cr.—Cascade	1	160	4.0	....	......	......
Simpson Cr.—Cabin Cr.—Beaverhead	7	2,240	56.0	....	......	......
Sinclair Cr.—Tobacco R.—Lincoln	9	3,600	90.0	....	......	......
Sink Cr.—Rattlesnake Cr.—Beaverhead	3	†700	17.5	....	......	......
Sink Cr.—Deer Lodge R.—Deer Lodge	1	40	1.0	....	......	......
Sink Cr.—Madison R.—Madison	1	50	1.2	....	......	......
Sink Cr.—Miners Coulee—Toole	1	100	2.5	....	......	......
Sink Hole Cr.—Lynch Cr.—Sanders	1	75	1.8	....	......	......
Sipary Ann Cr.—Warm Spr. Cr.—Blaine	7	9,760	244.0	....	......	......
Sipples Cr. .... Chouteau	2	3,000§	75.0	....	......	......
SisKion Cr.—Big Hole R.—Deer Lodge	1	all	......	....	......	......
Sitz Cr.—Clear Cr.—Blaine	3	220	5.5	....	......	......
*Six Mile Coulee—Milk R.—Blaine	4	2,220	55.5	....	......	......
Six Mile Coulee—Marias R.—Chouteau	11	7,600	190.0	....	......	......
Six Mile Coulee—Missouri R.—Chouteau	1	600	15.0	....	......	......
Six Mile Coulee—Teton R.—Chouteau	6	2,840	71.0	....	......	......
Six Mile Coulee—Cottonwood Cr.—Hill	2	2,800	70.0	....	......	......
Six Mile Cr.—Big Hole R.—Beaverhead	2	1,000	25.0	....	......	......
Six Mile Cr.—Missouri R.—Broadwater	19	†3,605§	90.1	....	......	......

†Add to filings amounts not given.
§Filings on springs and unnamed creeks and coulees tributary are included.
*Measurement of flow shown in either 5th or 6th report.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Six Mile Cr.—Pumpkin Cr.—Custer	1	4,000	100.0	....	......	......
Six Mile Cr.—Tongue Cr.—Custer	2	1,800	45.0	....	......	......
Six Mile Cr.—Flathead R.—Flathead	2	8,000	200.0	....	......	......
Six Mile Cr.—Missoula R.—Missoula	13	8,240	206.0	....	......	......
W. F. Six Mile Cr.—Six Mile Cr.—Missoula	4	†500	12.5	....	......	......
Six Mile Cr.—Yellowstone R.—Park	29	66,850	1,671.2	6	1,250	31.2
Six Mile Cr.—L. Blackfoot R.—Powell	8	1,400	35.0	....	......	......
Six Mile Cr.—Big Cr.—Silver Bow	3	1,025	25.6	....	......	......
Six Mile Gulch ....Broadwater		See Six Mile Creek.				
Six Shooter Cr.—Cedar Cr.—Stillwater	13	3,700	92.5	....	......	......
N. F. Six Shooter Cr.—Six Shooter Cr.—Stillwater	2	260	6.5	....	......	......
Sixteen Color Gulch— ....Cascade	1	300	7.5	....	......	......
*Sixteen Mile Cr.—Missouri R.—Broadwater Meagher, Gallatin	81	†27,755§	693.9	2	450	11.2
N. F. Sixteen Mile Cr.—Sixteen Mile Cr.—Meagher		See Sixteen Mile Creek.				
E. F. Sixteen Mile Cr.—Sixteen Mile Cr.—Meagher		See Sixteen Mile Creek.				
Sixty Ack Cr.—Hell Gate R.—Missoula	1	50	1.2	....	......	......
Skalkaho Cr.—Bitterroot R.—Ravalli	41	†52,773§	1,319.3	....	......	......
Skeleton Coulee—Milk R.—Blaine	1	100	2.5	....	......	......
Skeleton Cr.—Rosebud Cr.—Carbon, S'water	2	150	3.8	....	......	......
Skeleton Cr.—L. Missouri R.—Fallon	1	1,000	25.0	....	......	......
Skelly Gulch—Seven Mile Cr.—Lewis & C.	15	5,220	130.5	....	......	......
E. Skelly Gulch—Skelly Gulch—Lewis & C.	3	320	8.0	....	......	......
Skelton Cr.—Big Hole R.—Beaverhead	4	2,000	50.0	....	......	......
Skiddoo Cr.—Deer Lodge R.—Deer Lodge	1	160	4.0	....	......	......
Skinner Gulch—Pumpkin Cr.—Custer	2	1,300	32.5	....	......	......
Skit Cr.—Stinking Water Cr.—Chouteau	6	6,240§	156.0	....	......	......
Dry F. Skit Cr.—Skit Cr.—Chouteau	1	160	4.0	....	......	......
Skrimmerhorn Gulch—Elk Cr.—Powell		See Schrimmerhorn Gulch.				
Skull Cr.—Box Elder Cr.—Fallon	1	1,000	25.0	....	......	......
S. F. Skull Cr.—Skull Cr.—Fallon	4	2,500	62.5	....	......	......
Skull Cr.—Wolf Cr.—Fergus	17	2,480	62.0	....	......	......
Skull Cr. ....Park		See Mission Creek.				
Skully Cr.—Tom Miner Cr.—Park		See Scully Creek.				
Skunk Coulee—Sand Coulee Cr.—Cascade	1	50	1.2	....	......	......
Skunk Cr.—Peoples Cr.—Blaine	1	80	2.0	....	......	......
Skunk Cr.—Yogo Cr.—Cascade	6	†749	18.7	....	......	......
Skunk Cr.—M. F. Dearborn R.—Lewis & C.	7	1,245	31.1	....	......	......
N. F. Skunk Cr.—Skunk Cr.—Lewis & Clark	3	500	12.5	....	......	......
S. F. Skunk Cr.—Skunk Cr.—Lewis & Clark	5	1,070	26.8	....	......	......
Skunk Cr.—Dry Cr.—Park	1	50	1.2	1	30	0.7
Skunk Cr.—Musselshell R.—Rosebud	1	125	3.1	....	......	......
Skyline Cr.—Seven Mile Cr.—Lewis & Clark	2	23	0.6	....	......	......
Slade Cr.—Peoples Cr.—Blaine	1	80	2.0	....	......	......
Slade Cr.—Moore Cr.—Madison	4	†	......	....	......	......
Slade Gulch—Moore Cr.—Madison		See Slade Creek.				
Slate Cr.—Benton Gulch—Meagher		See Benton Gulch Cr.				
Slate Cr.—S. F. Bitterroot R.—Ravalli	7	2,760	69.0	....	......	......
Slaters Coulee—Chippewa Cr.—Fergus	1	40	1.0	....	......	......
Slaughter Cr.—Powder R.—Custer	1	2,500	62.5	....	......	......
Slaughter House Coulee—Missouri R.—Valley	2	320	8.0	....	......	......
Slaughter House Cr.—Seven Mile Cr.—Deer L.	1	400	10.0	....	......	......
Slaughter House Cr.—S. F. Musselshell R.—Meagher	5	800	20.0	....	......	......
Slaughter House Cr.—Yellowstone R.—Custer	1	800	20.0	....	......	......
Slaughter House Gulch—Boulder R.—J'ferson	2	150	3.8	....	......	......
Slaughter House Gulch.......Lewis & Clark	1	30	0.8	....	......	......
Slaughter House Gulch—Alder Gulch—Madison	1	†	......	....	......	......
Slaughter House Gulch—Elk Cr.—Powell	2	150	3.8	....	......	......
Slavin Coulee—Pondera Coulee—Teton	1	400	10.0	....	......	......
Slayton Cr.—Potter Cr.—Park	1	50	1.2	1	80	2.0
" S. L." Creek—Pumpkin Cr.—Custer	1	2,000	50.0	....	......	......
Sled Cr.—Missouri R.—Cascade	1	100	2.5	....	......	......
Sleman's Canon—Lo Lo Cr.—Missoula		See Sleman's Creek.				

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Sleeping Child Cr.—Bitterroot R.—Ravalli		See Weeping Child Creek.				
Sleepy Hollow—Missouri R.—Broadwater, Jefferson	2	†160	4.0	....	......	......
Sleman's Cr.—Lo Lo Cr.—Missoula	2	400§	10.0	....	......	......
Slew Cr.—Flat Cr.—Lewis & Clark	1	75	1.9	....	......	......
Slick Cr.—L. Missouri R.—Fallon	1	280	7.0	....	......	......
N. Slick Cr.—Slick Cr.—Fallon	3	4,480	112.0	....	......	......
S. Slick Cr.—Slick Cr.—Fallon	7	3,260	81.5	....	......	......
Slick Ear Cr.—Willow Cr.—Ravalli	2	160	4.0	....	......	......
Slide Out Cr. ......Chouteau	1	all	......	....	......	......
Slim Sam Cr.—Crow Cr.—Broadwater	4	440	11.0	....	......	......
Slippery Ann Cr.—Warm Spr. Cr.—Blaine		See Sipary Ann Cr.				
Slippery Slide Cr. ......Park	1	450	11.2	....	......	......
Sloan Coulee—Beaver Cr.—Fergus	1	100	2.5	....	......	......
Sloan's Gulch ......Jefferson	2	†100	2.5	....	......	......
Slocum Cr. ......Jefferson	1	15	0.4	....	......	......
Slough Cr.—E. Gallatin R.—Gallatin	1	50	1.2	....	......	......
Slough Cr.—Ray Cr.—Gallatin	2	150	3.8	....	......	......
Slough Cr.—Yellowstone R.—Park	1	200	5.0	....	......	......
Slough Cr.—Muddy Cr.—Teton	1	2,891	72.3	....	......	......
Slough Grass Cr.—Rosebud R.—Rosebud	2	320	8.0	....	......	......
Slowey Cr.—Missoula R.—Mineral		See Slowey Water Gulch.				
Slowey Water Gulch—Missoula R.—Mineral	7	6,700	167.5	....	......	......
Sluice Gulch—Rock Cr.—Granite	5	†230§	5.8	....	......	......
Slumgullion Cr. ......Jefferson	1	150	3.8	....	......	......
Slush Cr.—Little Muddy Cr.—Sheridan	3	1,820	45.5	....	......	......
Small Cr.—Spokane Cr.—Broadwater	1	100	2.5	....	......	......
Small Cr.—Skonkin Cr.—Chouteau	1	240	6.0	....	......	......
Small Hopes Cr.—Boulder R.—Sweetgrass	1	100	2.5	....	......	......
Small Horn Cr.—Beaverhead R.—Beaverhead		See Small Horn Canyon Cr.				
Small Horn Canyon Cr.—Beaverhead R.—Beaverhead	4	875	21.9	....	......	......
Small Lost Cr.—Ashley Cr.—Flathead	1	75	1.9	....	......	......
Small Race Track Lake—Race Track Cr.—Granite	1	3,000	75.0	....	......	......
Small Spring Cr.—Missouri R.—Jefferson	1	500	12.5	....	......	......
Smart Cr.—Flint Cr.—Granite	6	2,352	58.8	3	125	3.1
Smelter Cr.—Deer Lodge R.—Deer Lodge	2	8,000	200.0	....	......	......
Smelter Cr.—Warm Spr. Cr.—Fergus	3	290	7.2	....	......	......
Smith Coulee—Big Sandy Cr.—Chouteau	1	4,000	100.0	....	......	......
Smith Coulee—Shonkin Cr.—Chouteau	1	200	5.0	....	......	......
Smith Coulee ......Dawson	1	100	2.5	....	......	......
Smith Coulee—Dry Wolf Cr.—Fergus	3	1,050	26.2	....	......	......
Smith Coulee—Dry F. Marias R.—Teton	1	400	10.0	....	......	......
Smith Coulee—Teton R.—Teton		See Wagner Creek.				
Smith Coulee—Beaver Cr.—Valley	4	7,100	177.5	....	......	......
Smith Cr.—Bull Cr.—Beaverhead	3	1,195	29.9	3	185	4.6
Smith Cr.—L. Sheep Cr.—Beaverhead	1	200	5.0	....	......	......
Smith Cr.—Rosebud R.—Rosebud	1	100	2.5	....	......	......
Smith Cr.—Mission Cr.—Cascade	3	500	12.5	....	......	......
Smith Cr.—Indian Cr.—Custer	1	500	12.5	....	......	......
Smith Cr.—L. Beaver Cr.—Custer	2	1,400	35.0	....	......	......
Smith Cr.—Careless—Fergus		See Smythe Creek.				
Smith Cr.—Ross Fork—Fergus	1	200	5.0	....	......	......
Smith Cr.—Ashley Cr.—Flathead	3	1,050	26.2	....	......	......
Smith Cr.—Whitefish Cr.—Flathead	1	200	5.0	....	......	......
Smith Cr.—E. Gallatin R.—Gallatin	19	6,975	174.4	....	......	......
*Smith Cr.—S. F. Sun R.—Lewis & Clark	16	37,675§	941.9	....	......	......
Smith Cr. ......Madison	1	†......	......	....	......	......
Smith Cr.—S. F. Musselshell R.—Meagher	2	466	11.6	....	......	......
Smith Cr.—Hell Gate R.—Missoula	1	144	3.6	2	all	......
Smith Cr.—Shields R.—Park	7	2,950§	73.8	2	285	7.1
Smith Cr.—Warren Cr.—Powell	1	320	8.0	1	40	1.0
Smith Cr.—Sweathouse Cr.—Ravalli	6	1,100	27.5	7	390	9.9
Smith Cr.—Yellowstone R.—Rosebud	3	740§	18.5	....	......	......
Smith Cr.—Lake Cr.—Sheridan	1	160	4.0	....	......	......
Smith Cr.—Boulder R.—Sweetgrass	1	100	2.5	....	......	......
Smith Cr.—Yellowstone R.—Wibaux	5	1,520	38.0	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Smith Fork—Prickly Pear Cr—Lewis & Clark		See E. F. Prickly Pear Cr.				
Smith Gulch—Sand Cr.—Silver Bow	2	180	4.5	....	......	......
*Smith Lake—Duval Cr.—Lewis & Clark....	1	250	6.2	....	......	......
Smith Lake—Miner Coulee—Toole	1	100	2.5	....	......	......
Smith Park ....Jefferson	1	150	3.8	....	......	......
*Smith R.—Missouri R.—Meagher, Cascade..	62	†54,679§	1,367.0	34	5,719	143.0
N. F. Smith R.—Smith R.—Meagher	50	†19,690§	492.2	....	......	......
S. F. Smith R.—Smith R.—Meagher	29	6,500§	162.5	3	590	14.8
Smith Slough—Silver Cr.—Lewis & Clark....	1	50	1.2	....	......	......
Smith Slough—L. Blackfoot R.—Powell.....	1	all	......	....	......	......
Smiley Coulee—Square Cr.—Valley	1	750	18.2	....	......	......
Smoke Coulee—Snake Cr.—Blaine	1	1,500	37.5	....	......	......
Smoke Cr.—Snake Cr.—Sheridan	5	80,240	2,006.0	....	......	......
Smoke Gulch ....Missoula	1	16	0.4	....	......	......
Smythe Coulee—Charley Cr.—Richland	1	200	5.0	....	......	......
Smythe Cr.—Careless Cr.—Fergus, Meagher	8	1,670	41.8	....	......	......
Smythe Cr.—Burnt Fork Cr.—Ravalli	1	100	2.5	....	......	......
Snake Coulee—Big Sandy Cr.—Chouteau....	1	320	8.0	....	......	......
Snake Coulee—Missouri R.—Chouteau	2	8,400	210.0	....	......	......
Snake Coulee—Cutbank Cr.—Teton	5	3,800	95.0	....	......	......
Snake Coulee—Snake Cr.—Valley	2	630	15.8	....	......	......
*Snake Cr.—Milk R.—Blaine	56	16,750§	418.8	1	200	5.0
Snake Cr.—Pondera Coulee—Chouteau......	1	2,000	50.0	....	......	......
Snake Cr.—B. Muddy Cr.—Sheridan	1	160	4.0	....	......	......
Snake Cr.—Willow Cr.—Toole	3	400§	10.0	....	......	......
Snake Cr.—Frenchman Cr.—Valley	1	200§	5.0	....	......	......
Snake Cr.—Rock Cr.—Valley	4	1,564	39.1	....	......	......
Snearly Coulee ....Custer	1	1,000	25.0	....	......	......
Sneider Cr.—Grasshopper Cr.—Beaverhead..		See Snyder Creek.				
Sneider Cr.—Cow Cr.—Blaine	1	200	5.0	....	......	......
Snohomish Coulee—Dry F. Marias R.—Teton	1	200	5.0	....	......	......
Snow Coulee—Peoples Cr.—Blaine	1	60	1.5	....	......	......
Snow Coulee—Birch Cr.—Chouteau	1	160	4.0	....	......	......
Snow Coulee—Dry F. Marias R.—Teton	1	200	5.0	....	......	......
Snow Coulee—Red R.—Teton	1	400	10.0	....	......	......
Snow Coulee—Marias R.—Toole	2	1,320	33.0	....	......	......
Snow Coulee—Miners Coulee—Hill	1	120	3.0	....	......	......
Snow Coulee—Strawberry Cr.—Toole........	5	12,780	319.5	....	......	......
Snow Coulee—Ash Cr.—Valley	1	200	5.0	....	......	......
Snow Coulee—B. Porcupine Cr.—Valley.....	2	12,000	300.0	....	......	......
Snow Cr.—Bloody Dick Cr.—Beaverhead....	1	100	2.5	....	......	......
Snow Cr.—Bear Cr.—Carbon	1	150	3.8	....	......	......
Snow Cr.—Carpenter Cr.—Cascade	7	7,985	199.6	....	......	......
Snow Cr.—Missouri R.—Dawson	2	2,000	50.0	....	......	......
Snow Cr.—Crystal Cr.—Flathead	1	100	2.5	....	......	......
Snow Cr. ....Madison	1	200	5.0	....	......	......
Snow Cr.—Boulder R.—Park	1	100	2.5	....	......	......
Snow Cr.—Big Timber Cr.—Sweetgrass.....	1	200	5.0	....	......	......
Snowden Coulee—Missouri R.—Sheridan....	2	1,400	35.0	....	......	......
Snowdrift Coulee—Strawberry Cr.—Toole...		See Snow Coulee.				
Snowdrift Cr.—L. Pipestone Cr.—Jefferson..	7	†1,300	32.5	....	......	......
Snow Gulch ....Madison	1	300	7.5	....	......	......
Snow Gulch—Quartz Cr.—Silver Bow......	1	300	7.5	....	......	......
Snow Shoe Cr.—Cherry Cr.—Lincoln........	2	2,500	62.5	....	......	......
Snow Shoe Cr.—L. Blackfoot R.—Powell....		See Snow Shoe Gulch.				
Snow Shoe Gulch—Blue Cloud Cr.—Lewis & C.	1	100	2.5	....	......	......
Snow Shoe Gulch—Eustache Gulch—Missoula	1	all	......	....	......	......
Rt. Br. Snow Shoe Gulch—Snow Shoe Gulch Missoula	1	all	......	....	......	......
Snow Shoe Gulch—L. Blackfoot R.—Powell	38	†7,645	191.1	....	......	......
Snyder Cr.—Grasshopper Cr.—Beaverhead...	12	3,080	77.0	9	430	10.8
Snyder Cr.—Whitefish Cr.—Flathead	3	120	3.0	....	......	......
*Soap Cr.—Big Horn R.—Big Horn	3	3,564	89.1	....	......	......
Soap Gulch Cr.—Big Hole R.—Silver Bow..	7	350	8.8	....	......	......
Sober-up Coulee—Birch Cr.?—Teton	7	3,380	84.5	....	......	......
Soda Butte Cr.—Yellowstone R.—Park	9	2,000	50.0	....	......	......
Soda Cr.—Mizpah Cr.—Custer	3	4,300	107.5	....	......	......
Soda Cr.—Timber Cr.—Dawson	1	250	6.2	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Soft Beet Cr.—Silver Cr.—Lewis & Clark	1	†	......	....	......	......
Soft Water Cr.—Bean Cr.—Blaine	1	200	5.0	....	......	......
Soft Water Draw—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Sola Gulch—Hail Columbia Gulch—Silver B.	1	15	0.4	....	......	......
Soldier Cr.—Hound Cr.—Cascade	6	†900§	22.5	....	......	......
N. Soldier Cr.—Soldier Cr.—Cascade	5	†200	5.0	....	......	......
S. Soldier Cr.—Soldier Cr.—Cascade	2	† all	......	....	......	......
N. Soldier Cr.—Mizpah Cr.—Custer	1	800	20.0	....	......	......
Soldier Cr.—Nine Mile Cr.—Missoula	3	750	18.8	....	......	......
Solleder Spr. Gulch—Bitterroot R.—Ravalli		See Black Tail Gulch.				
Sollid Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
Solo Cr.—Flathead Lake—Flathead		See Lo Lo Creek.				
Solon Cr.—Flathead R.—Sanders	1	1,600	40.0	....	......	......
Sols Gulch—L. Missouri R.—Fallon	3	980	24.5	....	......	......
Song Butte Cr.—Red Lodge—Carbon	1	25	0.6	....	......	......
Soo Coulee—Dry F. Marias R.—Teton	1	200	5.0	....	......	......
Soose Cr.—Yellowstone R.—Park		See Suce Creek.				
Soper Coulee—Arrow Cr.—Cascade	1	320	8.0	....	......	......
Sophia Lake—Phillips Cr.—Lincoln		See Phillips Creek.				
Sorrell Cr.—Johnson Cr.—Beaverhead	1	all	......	....	......	......
Sorrel Horse Cr.—Big Horn Cr.—Big Horn	1	200	5.0	....	......	......
Sorenson Cr.—Horse Prairie Cr.—Beaverhead	..	......	......	1	126	3.1
Soule Cr.—Belt Cr.—Cascade	1	25	0.6	....	......	......
Soup Cr.—Missouri R.—Lewis & Clark	9	†1,500§	37.5	....	......	......
Sour Dough Cr.—E. Gallatin R.—Gallatin	1	all	......	....	......	......
Sour Dough Cr.—N. F. Musselshell R.—Meagher	5	890	22.3	....	......	......
W. F. Sour Dough Cr.—Sour Dough Cr.—Meagher		See Sour Dough Creek.				
Sour Dough Cr. ....Park	1	200	5.0	....	......	......
Sour Dough Cr.—Sweetgrass Cr.—Sweetgrass	4	600	15.0	1	40	1.0
Sour Dough Tom Cr. ....Missoula	1	all	......	....	......	......
Sour Crout Cr.—Big Blackfoot R.—Lewis & C.		See Sauer Krout Creek.				
South Coulee—Ross Fork—Fergus	1	160	4.0	....	......	......
South Coulee—Half Breed Cr.—Hill	1	100	2.5	....	......	......
South Coulee—Sun R.—Teton	1	200	5.0	....	......	......
South Coulee—Machachrin Cr.—Valley	1	all	......	....	......	......
South Cr.—Missouri R.—Broadwater	3	†50	1.2	....	......	......
South Cr.—Ramme Cr.—Fallon	1	500	12.5	....	......	......
South Cr. ....Park	3	†620	15.5	....	......	......
South Fork—Pipestone Cr.—Jefferson	1	70	1.8	....	......	......
South Fork—Courville Cr.—Missoula	2	200	5.0	....	......	......
South Fork Coulee—Big Sandy Cr.—Ch'teau	1	800	20.0	....	......	......
South Swamp Cr.—Burnt Fork—Ravalli		See Swamp Creek.				
Southeast Coulee ....Valley	1	1,280	32.0	....	......	......
Southerland Cr. ....Valley	1	2,000	50.0	....	......	......
Spade Cr.—E. F. Bitterroot R.—Ravalli	1	1,000	25.0	....	......	......
Spanish Coulee—Smith R.—Cascade	9	2,380	59.5	....	......	......
*Spanish Cr.—W. Gallatin R.—Gallatin, Madison	44	52,760§	1,319.0	23	1,583	39.6
Spanish Gulch—Nine Mile Cr.—Missoula	1	300	7.5	....	......	......
Spark's Cr.—Lame Jones Cr.—Fallon	1	500	12.5	....	......	......
Spaulding Cr.—Rocky Gap Cr.—Cascade	1	100	2.5	....	......	......
Spaulding Cr. ....Fergus	1	130	3.2	....	......	......
Spear Gulch ....Broadwater	1	50	1.2	....	......	......
Spellman Cr.—Box Elder Cr.—Fallon	7	5,100	127.5	....	......	......
S. F. Spellman Cr.—Spellman Cr.—Fallon	1	1,000	25.0	....	......	......
Spencer Coulee—Teton R.—Chouteau	1	80	2.0	....	......	......
Spencer Cr.—Muskrat Cr.—Jefferson	7	640	16.0	....	......	......
Spencer Gulch—Confederate Cr.—Broadwater	1	all	......	....	......	......
Spererock Cr. ....Jefferson	1	15	0.4	1	7	0.2
Sperry Cr.—Towhead Cr.—Lewis & Clark	2	400	10.0	....	......	......
Spider Lake ....Valley	1	240	6.0	....	......	......
Spion Kop Cr.—Indian Cr.—Lincoln	2	90	2.2	....	......	......
Spokane Coulee—Milk R.—Hill	1	200	5.0	....	......	......
Spokane Cr.—Missouri R.—Broadwater, Lewis & Clark	22	†4,480§	112.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Sponley Gulch—Seven Mile Cr.—Lewis & C.	1	†......	......	....	......	......
Spoon Cr.—Tin Cup Cr.—Ravalli	3	610	15.2	....	......	......
Spooner Cr.—Miller Cr.—Missoula	1	100	2.5	....	......	......
Spooner Cr.—Bitterroot R.—Ravalli	5	600	15.0	....	......	......
Spooner Gulch—Bitterroot R.—Ravalli	5	535	13.4	....	......	......
Spooner Dry Gulch—Bitterroot R.—Ravalli		See Spooner Gulch.				
Spotted Horse Cr.—Fords Cr.—Fergus	2	150	3.8	....	......	......
Sprague Cr. ....Chouteau	1	400	10.0	....	......	......
Sprague Cr.—McDonald Cr.—Flathead	1	16,000	400.0	....	......	......
Sprague Cr.—Rosebud R.—Custer	4	1,200	30.0	....	......	......
Spring Basin—Eight Mile Cr.—Ravalli	1	80	2.0	....	......	......
Spring Basin Cr.—Bridger Cr.—Sweetgrass	1	80	2.0	....	......	......
Spring Branch—Youngs Cr.—Big Horn		Filed under "Y."				
Spring Branch—Byrnes Cr.—Cascade		See Byrnes Creek.				
Spring Branch—Judith R. (T. 14 N.)—Fergus	1	300	7.5	....	......	......
Spring Branch—Judith R. (T 15 N.)—Fergus	1	50	1.2	....	......	......
Spring Branch—Sage Cr.—Fergus	6	720	18.0	....	......	......
Spring Branch—Ashley Cr.—Flathead		See Spring Creek.				
Spring Branch—L. Prickly Pear Cr.—L. & C.		Filed under "L."				
Spring Branch—Patee Cr.—Missoula	1	†......	......	....	......	......
Spring Branch—Warm Spr. Cr.—Sanders	3	230	5.8	....	......	......
Spring Brook Cr.—Yellowstone R.—Custer	2	216	5.4	....	......	......
Spring Brook—Judith R.—Fergus	1	40	1.0	....	......	......
Spring Brook—Kootenai R.—Lincoln	1	300	7.5	....	......	......
Spring Brook—Libby Cr.—Lincoln	1	320	8.0	....	......	......
Spring Brook—Bear Cr.—Missoula	1	300	7.5	....	......	......
Spring Brook—Soap Cr.—Silver Bow	3	240	6.0	....	......	......
Spring Canyon Cr. ....Madison	1	40	1.0	....	......	......
Spring Cooley—Box Elder Cr.—Fergus	1	100	2.5	....	......	......
Spring Coulee—Alder Cr.—Blaine	1	80	2.0	....	......	......
Spring Coulee—Clear Cr.—Blaine	1	120	3.0	....	......	......
Spring Coulee—L. Warm Spr. Cr.—Blaine	1	400	10.0	....	......	......
Spring Coulee—Peoples Cr.—Blaine	3	520	13.0	....	......	......
Spring Coulee—Arrow Cr.—Cascade	1	300	7.5	....	......	......
Spring Coulee—Belt Cr.—Cascade	3	500	12.5	....	......	......
Spring Coulee—B. Otter Cr.—Cascade	1	75	1.9	....	......	......
Spring Coulee—L. Muddy Cr.—Cascade	1	500	12.5	....	......	......
Spring Coulee—Missouri R.—Cascade	1	100	2.5	....	......	......
Spring Coulee—Neel Cr.—Cascade	2	300	7.5	....	......	......
Spring Coulee—St. John Cr.—Cascade	2	200	5.0	....	......	......
Spring Coulee—Sand Coulee—Cascade	6	1,020	25.5	....	......	......
E. Br. Spring Coulee—Spring Coulee—C'cade	1	200	5.0	....	......	......
W. Br. Spring Coulee—Spring Coulee—C'cade	1	150	3.8	....	......	......
Spring Coulee—Sun R.—Cascade	1	800	20.0	....	......	......
Spring Coulee—Willow Cr.—Cascade	1	200	5.0	....	......	......
Spring Coulee—Eagle Cr.—Chouteau	3	6,520	163.0	....	......	......
Spring Coulee—Missouri R.—Chouteau	2	450	11.2	....	......	......
Rt. F. Spring Coulee—Spring Coulee—Ch'teau	1	4,000	100.0	....	......	......
Spring Coulee—Shonkin Cr.—Chouteau	1	500	12.5	....	......	......
E. F. Spring Coulee—Spring Coulee—Ch'teau	1	200	5.0	....	......	......
Spring Coulee—Lower Seven Mile Cr.—Dawson	1	160	4.0	....	......	......
Spring Coulee—Pasture Cr.—Dawson	1	50	1.2	....	......	......
Spring Coulee—B. Spring Cr.—Fergus	1	200	5.0	....	......	......
Spring Coulee—McDonald Cr.—Fergus	1	100	2.5	....	......	......
Spring Coulee—Sage Cr.—Fergus	1	100	2.5	....	......	......
Spring Coulee—Bull Hook Cr.—Hill	5	690	17.2	....	......	......
W. F. Spring Coulee—Spring Coulee—Hill	1	400	10.0	....	......	......
Spring Coulee—Corral Cr.—Hill	3	600	15.0	....	......	......
Spring Coulee—Dry Lake—Hill	2	1,200	30.0	....	......	......
Spring Coulee—Milk R.—Hill	4	420	10.5	....	......	......
Spring Coulee—Red Rock Coulee—Hill	1	200	5.0	....	......	......
Spring Coulee—Auchard Cr.—Lewis & Clark	2	125	3.1	....	......	......
*Spring Coulee—Sun R.—Lewis & Clark	3	265	6.6	....	......	......
Spring Coulee—Big Coulee Cr.—Musselshell	1	all	......	....	......	......
Spring Coulee—Willow Cr.—Musselshell	1	160	4.0	....	......	......
Spring Coulee—Hardscrabble Cr.—Richland	2	640	16.0	....	......	......
Spring Coulee—Missouri R.—Richland	1	600	15.0	....	......	......

†Add to filings amounts not given.
§Filings on springs and unnamed creeks and coulees tributary are included.
*Measurement of flow shown in either 5th or 6th report.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Spring Coulee—Prairie Elk Cr.—Richland	1	1,080	27.0	....	......	......
Spring Coulee—Armells Cr.—Rosebud	1	500	12.5	....	......	......
Spring Coulee—Big Porcupine Cr.—Rosebud	2	2,000	50.0	....	......	......
Spring Coulee—Yellowstone R. (R. 40 E.)—Rosebud	1	500	12.5	....	......	......
Spring Coulee—Yellowstone R. (R. 43 E.)—Rosebud	2	1,000	25.0	....	......	......
Spring Coulee—B. Muddy Cr.—Sheridan	1	120	3.0	....	......	......
Spring Coulee—Muddy Cr.—Teton	1	500	12.5	....	......	......
E. F. Spring Coulee—Spring Coulee—Toole	1	200	5.0	....	......	......
Spring Coulee—Cherry Cr.—Valley	1	8,000	200.0	....	......	......
Spring Coulee—Larb Cr.—Valley	1	300	7.5	....	......	......
Spring Cr.—Beaverhead R.—Beaverhead	1	all	......	....	......	......
Spring Cr.—Big Hole R. (T. 6 S.)—B'head	2	240	6.0	....	......	......
Spring Cr.—Big Hole R.—Beaverhead	1	500	12.5	....	......	......
Spring Cr.—Big Hole R. (4 S. 15 W.)—B'head	3	1,010	25.2	....	......	......
Spring Cr.—S. F. Big Hole R.—Beaverhead	1	200	5.0	....	......	......
Spring Cr.—Big Hole R. (1 N. 14 W.)—Beaverhead	1	500	12.5	....	......	......
Spring Cr.—Birch Cr.—Beaverhead	1	80	2.0	....	......	......
Spring Cr.—Big Sheep Cr.—Beaverhead	1	200	5.0	....	......	......
Spring Cr.—Bloody Dick Cr.—Beaverhead	1	300	7.5	1	105	2.6
Spring Cr.—Coyote Cr.—Beaverhead	1	160	4.0	....	......	......
Spring Cr.—Grasshopper Cr.—Beaverhead	3	†1,520	38.0	....	......	......
Spring Cr.—Horse Prairie Cr.—Beaverhead	7	980	24.2	10	554	13.8
Spring Cr.—Junction Cr.—Beaverhead	2	675	16.9	....	......	......
Spring Cr.—L. Sheep Cr.—Beaverhead	2	460	11.5	....	......	......
Spring Cr.—Medicine Lodge Cr.—Beaverhead	1	200	5.0	....	......	......
Spring Cr.—Red Rock R.—Beaverhead	3	500	12.5	....	......	......
Spring Cr.—Warm Spring Cr.—Beaverhead	1	500	12.5	....	......	......
Spring Cr.—Fly Cr.—Big Horn, Yellowstone	3	1,480	37.0	....	......	......
Spring Cr.—Rosebud R. (T. 7 S. 39 E.)—Big Horn	4	2,200	55.0	....	......	......
N. F. Spring Cr.—Spring Cr.—Big Horn	1	200	5.0	....	......	......
Spring Cr.—Squirrel Cr.—Big Horn	1	1,000	25.0	....	......	......
Spring Cr.—Beaver Cr.—Blaine	2	3,200	80.0	....	......	......
Spring Cr.—Clear Cr.—Blaine	2	250	6.2	....	......	......
Spring Cr.—Cow Cr.—Blaine	2	180	4.5	1	100	2.5
Spring Cr.—Milk R.—Blaine	7	84,200	2,105.0	....	......	......
Spring Cr.—Peoples Cr.—Blaine	14	2,270	56.7	....	......	......
Spring Cr.—Snake Cr.—Blaine	5	1,080	27.0	....	......	......
Spring Cr.—Confederate Gulch—Broadwater	1	300	7.5	....	......	......
Spring Cr.—Hot Spring Cr.—Broadwater		See Hot Spring Creek.				
Spring Cr.—Sixteen Mile Cr.—Broadwater	4	440	11.0	....	......	......
S. W. F. Spring Cr.—Spring Cr.—Broadwater		See Spring Creek.				
E. Br. Spring Cr.—Spring Cr.—Broadwater		See Spring Creek.				
Spring Cr.—Sulphur Cr.—Broadwater	1	150	3.8	....	......	......
Spring Cr.—White Horse Cr.—Broadwater	1	20	0.5	....	......	......
Spring Cr.—Big Horn R.—Carbon	1	20	0.5	....	......	......
Spring Cr.—Butcher Cr.—Carbon	1	150	3.8	....	......	......
Spring Cr.—Clear Cr.—Carbon	1	75	1.9	....	......	......
Spring Cr.—Portage Cr.—Carbon		See Flat Coulee.				
Spring Cr.—Red Lodge Cr.—Carbon	1	50	1.2	....	......	......
Spring Cr.—Rocky Cr.—Carbon	1	10	0.2	......	......	......
Spring Cr.—Rocky Fork—Carbon	1	500	12.5	....	......	......
Spring Cr.—Stillwater R.—Carbon	1	100	2.5	....	......	......
Spring Cr.—Willow Cr.—Carbon	4	3,500	87.5	....	......	......
Spring Cr.—R. F. Willow Cr.—Carbon	1	100	2.5	....	......	......
Spring Cr.—Yellowstone R.—Carbon	2	110	2.8	....	......	......
Spring Cr.—Arrow Cr.—Cascade	1	100	2.5	....	......	......
Spring Cr.—Belt Cr.—Cascade	1	200	5.0	....	......	......
Spring Cr.—Box Elder Cr.—Cascade	1	200	5.0	....	......	......
Spring Cr.—Hound Cr.—Cascade	7	2,250	56.2	....	......	......
Spring Cr.—E. Hound Cr.—Cascade	4	1,100	27.5	....	......	......
E. F. Spring Cr.—Spring Cr.—Cascade	1	150	3.8	....	......	......
M. F. Spring Cr.—Spring Cr.—Cascade	1	100	2.5	....	......	......
N. F. Spring Cr.—Spring Cr.—Cascade	1	30	0.8	....	......	......
Spring Cr.—L. Muddy Cr.—Cascade	3	400	10.0	....	......	......

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Spring Cr.—Ming Coulee—Cascade	2	200	5.0	....	......	......
Spring Cr.—Missouri R.—Cascade	1	50	1.2	....	......	......
Spring Cr.—Rocky Gap Cr.—Cascade	4	510	12.8	....	......	......
Spring Cr.—St. Johns Cr.—Cascade	1	140	3.5	....	......	......
Spring Cr.—Sheep Cr.—Cascade	1	25	0.6	....	......	......
Spring Cr.—Shonkin Cr.—Cascade	7	1,070	26.8	....	......	......
Spring Cr.—Tillinghast Cr.—Cascade	1	500	12.5	....	......	......
Spring Cr.—Trout Cr.—Cascade	2	60	1.5	....	......	......
Spring Cr.—Arrow Cr.—Chouteau	1	120	3.0	....	......	......
Spring Cr.—Dugout Coulee—Chouteau	1	100	2.5	....	......	......
Spring Cr.—Flatwillow Cr.—Chouteau	2	†400	10.0	....	......	......
Spring Cr.—L. Birch Cr.—Chouteau	2	220	5.5	....	......	......
E. F. Spring Cr.—Spring Cr.—Chouteau	1	20	0.5	....	......	......
Spring Cr.—Libby Cr.—Chouteau	1	200	5.0	....	......	......
Spring Cr.—Teton R.—Chouteau	8	5,620	140.5	....	......	......
Spring Cr.—Powder R. (8 S. 48 E.)—Custer	8	11,400	285.0	....	......	......
Spring Cr.—Powder R. (1 N. 54 E.)—Custer, Fallon	3	3,000	75.0	....	......	......
Spring Cr.—Powder R. (11 N. 54 E.)—Custer	1	400	10.0	....	......	......
Spring Cr.—Powder R. (4 S. 51 E.)—Custer	1	1,000	25.0	....	......	......
Spring Cr.—Whitetail Cr.—Custer	1	400	10.0	....	......	......
Spring Cr.—Yellowstone R. (5 N. 54 E.)—Custer	3	1,125	28.1	....	......	......
Spring Cr.—Yellowstone R. (12 N. 54 E.)—Custer	1	100	2.5	....	......	......
W. F. Spring Cr.—Spring Cr.—Custer	1	1,080	27.0	....	......	......
Spring Cr.—Thirteen Mile Cr.—Dawson	1	1,320	33.0	....	......	......
Spring Cr.—Yellowstone R.—Dawson	3	2,250	56.2	....	......	......
Spring Cr.—Keep Cool Cr.—Deer Lodge	1	300	7.5	....	......	......
Spring Cr.—Muddy Cr.—Deer Lodge	1	all	......	....	......	......
S. Br. Spring Cr.—Big Beaver Cr.—Fallon	1	100	2.5	....	......	......
Spring Cr.—Box Elder Cr. (1 N. 61 E.)—Fall'n	1	1,000	25.0	....	......	......
Spring Cr.—Box Elder Cr. (1 S. 61 E.)—Fallon	1	1,000	25.0	....	......	......
Spring Cr.—Carbon Cr.—Fallon	1	1,080	27.0	....	......	......
Spring Cr.—O'Fallon Cr.—Fallon	1	1,000	25.0	....	......	......
S. Pr. Spring Cr.—Powder R.—Fallon	1	500	12.5	....	......	......
Spring Cr.—Arrow Cr.—Fergus	1	100	2.5	....	......	......
Spring Cr.—B. Spring Cr.—Fergus	3	†350	8.8	....	......	......
Spring Cr.—Judith R.—Fergus	1	100	2.5	....	......	......
Spring Cr.—Ashley Cr. (T. 28 N. R. 22 W.)—Flathead	15	38,115	952.9	....	......	......
Spring Cr.—Ashley Cr.—Flathead		See Smith Creek.				
Spring Cr.—Flathead R.—Flathead	6	1,170	29.2	....	......	......
Spring Cr.—M. F. Flathead R.—Flathead	1	500	12.5	....	......	......
Spring Cr.—Bear Cr.—Gallatin	7	†420	10.5	2	110	2.7
Spring Cr.—Bridger Cr.—Gallatin	9	†5,384	134.6	....	......	......
Spring Cr.—Bozeman Cr.—Gallatin	5	† all	......	....	......	......
Spring Cr.—Cottonwood Cr. (4 N. 7 E.)—Gallatin	1	100	2.5	....	......	......
Spring Cr.—Cottonwood Cr. (3 N. 4 E.)—Gallatin	1	100	2.5	....	......	......
Spring Cr.—Dry Cr.—Gallatin	1	all	......	....	......	......
Spring Cr.—Eight Mile Cr.—Gallatin	1	100	2.5	....	......	......
Spring Cr.—Fairy Cr.—Gallatin	1	all	......	....	......	......
Spring Cr.—Flathead Cr.—Gallatin	2	320	8.0	....	......	......
Spring Cr.—Gallatin R.—Gallatin	3	591	14.8	....	......	......
Spring Cr.—E. Gallatin R. (1 S. 5 E.)—Gal'tin	9	†670	16.8	....	......	......
Spring Cr.—E. Gallatin R. (2 S. 6 E.)—Gal'tin	3	†100	2.5	....	......	......
Spring Cr.—W. Gallatin R. (3 S. 4 E.)—Gal'tin	2	150	3.8	1	118	2.9
Spring Cr.—W. Gallatin R. (1 N. 4 E.)—Gal'tin	1	300	7.5	1	20	0.5
Spring Cr.—W. Gallatin R. (2 S. 4 E.)—Gal'tin	1	all	......	1	53	1.3
Spring Cr.—Madison R.—Gallatin		See Dooney Creek.				
Spring Cr.—Madison R. (12 S. 4 E.)—Gallatin	1	160	4.0	....	......	......
Spring Cr.—Madison R. (1 N. 2 E.)—Gallatin	5	21,500	537.5	....	......	......
N. Spring Cr.—Madison R.—Gallatin	1	120	15.0	....	......	......
Spring Cr.—Middle Cr.—Galatin	4	950	23.8	....	......	......
Spring Cr.—Ross Cr.—Gallatin	3	1,000	25.0	....	......	......
Spring Cr.—Sixteen Mile Cr.—Gallatin	2	2,060	51.5	....	......	......

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Spring Cr.—Flint Cr.—Granite	1	all	......	....	......	......
Spring Cr.—Harvey Cr.—Granite	1	100	2.5	....	......	......
Spring Cr.—M. F. Rock—Granite	1	80	2.0	....	......	......
Spring Cr.—Willow Cr.—Granite	3	†240	6.0	....	......	......
N. F. Spring Cr.—Spring Cr.—Granite	4	†260§	6.5	....	......	......
Spring Cr.—Bear Cr.—Hill	1	100	2.5	....	......	......
Spring Cr.—Cataract Cr.—Jefferson	6	1,912	47.8	....	......	......
Spring Cr.—Crow Cr.—Jefferson	1	600	15.0	....	......	......
Spring Cr.—Jefferson R.—Jefferson	1	100	2.5	....	......	......
Spring Cr.—L. Pipestone Cr.—Jefferson	1	all	......	....	......	......
Spring Cr.—Middle Cr.—Jefferson	1	500	12.5	....	......	......
Spring Cr.—Prickly Pear Cr.—Jefferson	19	†5,735§	143.4	f 3	190.5	4.8
Spring Cr.—Alice Cr.—Lewis & Clark	2	500	12.5	....	......	......
Spring Cr.—Cunniff Cr.—Lewis & Clark	1	150	3.8	....	......	......
*Spring Cr.—Dearborn R.—Lewis & Clark	1	20	0.5	....	......	......
Spring Cr.—M. F. Dearborn R.—Lewis & C.	1	40	1.0	....	......	......
Spring Cr.—S. F. Dearborn R.—Lewis & C.	1	100	2.5	....	......	......
Spring Cr.—L. Prickly Pear Cr.—Lewis & C.	2	110	2.8	....	......	......
Spring Cr.—Marsh Cr.—Lewis & Clark	1	30	0.8	....	......	......
Spring Cr.—Missouri R. (T. 7 N.)—Lewis & C.	1	50	1.2	....	......	......
Spring Cr.—Missouri R. (10 N. 1 W.)—L. & C.	1	100	2.5	....	......	......
Spring Cr.—Missouri R.—Lewis & Clark	1	2,000	50.0	....	......	......
Spring Cr.—Indian Cr.—Lincoln	2	250	6.2	....	......	......
Spring Cr.—Kootenai R.—Lincoln	4	1,108	27.9	....	......	......
Spring Cr.—Beaverhead R.—Madison	9	†1,340§	33.5	5	† all	......
Spring Cr.—Beaverhead R. (3 S. 6 W.)—Madison	2	100	2.5	....	......	......
Spring Cr.—Jefferson R.—Madison	2	†250	6.2	....	......	......
Spring Cr.—Madison R.—Madison	1	160	4.0	....	......	......
Spring Cr.—Beaver Cr.—Meagher	2	900	22.5	....	......	......
Spring Cr.—Benton Gulch Cr.—Meagher		See Benton Gulch (Creek.)				
Spring Cr.—Comb Cr.—Meagher	1	100	2.5	....	......	......
Spring Cr.—Cook Cr.—Meagher	1	100	2.5	....	......	......
Spring Cr.—Cottonwood Cr.—Meagher	2	320	8.0	....	......	......
Spring Cr.—E. F. Cottonwood Cr.—Meagher	1	200	5.0	....	......	......
Spring Cr.—Four Mile Cr.—Meagher	3	450	11.2	....	......	......
Spring Cr.—Little Elk Cr.—Meagher	2	300	7.5	....	......	......
Spring Cr.—Musselshell R. (9 N. 17 E.)—Meagher	1	a.......	......	3	157	3.9
Spring Cr.—Musselshell R. (8 N. 10 E.)—Meagher	1	100	2.5	....	......	......
Spring Cr.—N. F. Musselshell R. (10 N. 10 E.)—Meagher	6	2,650	66.2	....	......	......
Spring Cr.—N. F. Musselshell R. (9 N. 11 E.) Meagher	3	2,400	60.0	....	......	......
Spring Cr.—S. F. Musselshell R. (8 N. 11 E.) Meagher	1	200	5.0	....	......	......
Spring Cr.—S. F. Musselshell R. (7 N. 9 E.) Meagher	1	100	2.5	....	......	......
Spring Cr.—Newlan Cr.—Meagher	2	200	5.0	....	......	......
Spring Cr.—Roberts Cr.—Meagher	1	160	4.0	....	......	......
Spring Cr.—N. F. Rock Cr.—Meagher	2	180	4.5	....	......	......
Spring Cr.—Sixteen Mile Cr.—Meagher	5	1,160	29.0	....	......	......
Spring Cr.—Smith R. (T. 10 N.)—Meagher	15	2,370	59.2	2	200	5.0
Spring Cr.—Smith R. (T. 13 N.)—Meagher	2	320	8.0	....	......	......
Spring Cr.—N. F. Smith R.—Meagher	1	25	0.6	....	......	......
Spring Cr.—S. F. Smith R.—Meagher	1	150	3.8	....	......	......
Spring Cr.—Missoula R.—Mineral		See Spring Gulch.				
N. Spring Cr.—St. Regis R.—Mineral	1	100	2.5	....	......	......
S. Spring Cr.—St. Regis R.—Mineral	1	100	2.5	....	......	......
Spring Cr.—B. Blackfoot R.—Missoula	1	200	5.0	....	......	......
Spring Cr.—E. F. Bitterroot R.—Missoula	1	100	2.5	....	......	......
Spring Cr.—Crow Cr.—Missoula	6	7,960	199.0	....	......	......
Spring Cr.—Deep Cr.—Missoula	1	500	12.5	....	......	......
Spring Cr.—Dry Cr.—Missoula	1	200	5.0	....	......	......

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a—Add 10,000,000 cubic feet.

f—Federal decree.

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Spring Cr.—Finley Cr.—Missoula	1	160	4.0	....	......	......
Spring Cr.—Gold Cr.—Missoula	2	550	13.8	....	......	......
Spring Cr.—Hell Gate R.—Missoula	1	100	2.5	....	......	......
*Spring Cr.—Jocko R.—Missoula	1	80	2.0	....	......	......
Spring Cr.—McCain Cr.—Missoula	1	300	7.5	....	......	......
N. Br. Spring Cr.—Missoula R.—Missoula	2	700	17.5	....	......	......
Spring Cr.—Rattlesnake Cr.—Missoula	1	100	2.5	....	......	......
Spring Cr.—Trout Cr.—Missoula	1	400	10.0	....	......	......
Spring Cr.—Adair Cr. (1 S. 11 E.)—Park	1	100	2.5	....	......	......
Spring Cr.—Adair Cr. (1 N. 11 E.)—Park	1	150	3.8	....	......	......
Spring Cr.—Billman Cr.—Park	2	100	2.5	....	......	......
Spring Cr.—Boulder R.—Park	1	75	1.9	....	......	......
Spring Cr.—W. Boulder Rr.—Park	2	140	3.5	....	......	......
Spring Cr.—Cottonwood Cr. (2 N. 10 E.)—Park	1	50	1.2	....	......	......
Spring Cr.—Cottonwood Cr. (4 N. 8 E.)—Park	3	600	15.0	....	......	......
Spring Cr.—Crevasse Cr.—Park	3	200	5.0	....	......	......
Spring Cr.—Dailey's Cr. (5 S. 8 E.)—Park	1	all	......	....	......	......
Spring Cr.—Dailey's Cr. (6 S. 7 E.)—Park	1	100	2.5	....	......	......
Spring Cr.—Elbow Cr.—Park	1	160	4.0	....	......	......
Spring Cr.—Emigrant Cr.—Park	1	†......	......	....	......	......
Spring Cr.—Fall Cr.—Park	2	460	11.5	....	......	......
Spring Cr.—Fleshman (2 S. 10 E.)—Park	2	660	16.5	....	......	......
Spring Cr.—Fleshman Cr. (2 S. 9 E.)—Park	1	100	2.5	....	......	......
Spring Cr.—Grouse Cr.—Park	1	120	3.0	....	......	......
Spring Cr.—Horse Cr.—Park	1	160	4.0	....	......	......
Spring Cr.—L. Mission Cr.—Park	1	100	2.5	....	......	......
Spring Cr.—Locke Cr.—Park	1	120	3.0	....	......	......
Spring Cr.—Otter Cr.—Park	1	100	2.5	....	......	......
Spring Cr.—Potter Cr.—Park	2	240	6.0	....	......	......
Spring Cr.—Rock Cr.—Park	3	†100	2.5	13	925	23.1
N. F. Spring Cr.—Spring Cr.—Park	..	......	......	3	180	4.5
Spring Cr.—Sheep Cr.—Park	1	40	1.0	....	......	......
Spring Cr.—Shields R. (1 N. 9 E.)—Park	3	260	6.5	....	......	......
Spring Cr.—Shields R. (2 N.)—Park	1	25	0.6	....	......	......
Spring Cr.—Shields R. (1 S.)—Park	3	310	7.8	....	......	......
Spring Cr.—Shields R. (T. 3 N.)—Park	1	20	0.5	....	......	......
Spring Cr.—Smith Cr.—Park	7	2,440	61.0	....	......	......
Spring Cr.—Trail Cr.—Park	1	10	0.2	....	......	......
Spring Cr.—Yellowstone R. (6 S. 8 E.)—Park	6	†100	2.5	....	......	......
Spring Cr.—Yellowstone R. (1 S. 10 E.)—Park	2	240	6.0	....	......	......
Spring Cr.—Yellowstone R. (4 S. 8 E.)—Park	1	15	0.4	....	......	......
Spring Cr.—Yellowstone R. (3 S. 9 E.)—Park	1	2,000	50.0	....	......	......
Spring Cr.—Yellowstone R. (2 S. 9 E.)—Park	1	80	2.0	....	......	......
Spring Cr.—Yellowstone R. (3 N.)—Park	1	1,000	25.0	....	......	......
Spring Cr.—Yellowstone R. (1 S. 10 E.)—Park	1	all	......	....	......	......
Spring Cr.—Willow Cr.—Park	1	50	1.2	....	......	......
Spring Cr.—B. Blackfoot R.—Powell	1	160	4.0	....	......	......
Spring Cr.—Hell Gate R.—Powell	3	1,200§	30.0	....	......	......
Spring Cr.—L. Blackfoot R.—Powell	3	1,575	39.4	....	......	......
Spring Cr.—Nevada Cr. (T. 6 N.)—Powell	1	500	12.5	....	......	......
Spring Cr.—Nevada Cr. (T. 12 N.)—Powell	1	200	5.0	....	......	......
Spring Cr.—Nevada Cr. (T. 13 N.)—Powell	1	50	1.2	....	......	......
Spring Cr.—Peterson Cr.—Powell	2	500	12.5	....	......	......
Spring Cr.—Pikes Peak Cr.—Powell	1	120	3.0	....	......	......
Spring Cr.—Union Cr.—Powell	1	100	2.5	....	......	......
Spring Cr.—Bitterroot R. (T. 4 N.)—Ravalli	1	200	5.0	....	......	......
Spring Cr.—Bitterroot R. (T. 8 N.)—Ravalli	1	160	4.0	....	......	......
Spring Cr.—Bitterroot R. (T. 9 N.)—Ravalli	1	100	2.5	....	......	......
Spring Cr.—Bitterroot R. (T. 10 N.)—Ravalli	1	250	6.2	....	......	......
Spring Cr.—Canyon Cr.—Ravalli	1	20	0.5	....	......	......
Spring Cr.—Skalkaho Cr.—Ravalli	1	200	5.0	....	......	......
Spring Cr.—Three Mile Cr.—Ravalli	2	†50	1.2	....	......	......
Spring Cr.—Willounby Cr.—Ravalli	1	200	5.0	....	......	......
Spring Cr.—Sand Cr.—Rosebud	1	300	7.5	....	......	......
Spring Cr.—Camas Cr.—Sanders	1	all	......	....	......	......
Spring Cr.—Clark F. Columbia R.—Sanders	1	200	5.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Spring Cr.—L. Bitterroot R.—Sanders	1	200	5.0	....	......	......
Spring Cr.—Vermillion Cr.—Sanders	1	all	......	....	......	......
Spring Cr.—B. Muddy Cr.—Sheridan	2	480	12.0	....	......	......
Spring Cr.—Deer Lodge R.—Silver Bow	2	140	3.5	....	......	......
Spring Cr.—Six Shooter Cr.—Stillwater	1	20	0.5	....	......	......
Spring Cr.—Stillwater R.—Stillwater	1	200	5.0	....	......	......
Spring Cr.—American Fork (T. 5 N.)—S'grass	1	200	5.0	....	......	......
Spring Cr.—American Fork (T. 6 N.)—S'grass	4	650	16.2	....	......	......
Spring Cr.—Big Elk Cr.—Sweetgrass	1	160	4.0	....	......	......
Spring Cr.—Big Elk Cr.—Sweetgrass	1	100	2.5	....	......	......
Spring Cr.—Boulder R. (T. 1 S.)—Sweetgrass	1	144	3.6	....	......	......
Spring Cr.—Boulder R. (T. 3 S.)—Sweetgrass	1	200	5.0	....	......	......
Spring Cr.—Boulder R. (T. 2 S.)—Sweetgrass	1	70	1.8	....	......	......
Spring Cr.—Fish Cr. (T. 6 N.)—Sweetgrass	1	40	1.0	....	......	......
Spring Cr.—Fish Cr. (T. 5 N.)—Sweetgrass	4	1,100	27.5	....	......	......
Spring Cr.—S. F. Fish Cr.—Sweetgrass	1	200	5.0	....	......	......
Spring Cr.—Lebo Cr.—Sweetgrass	1	50	1.2	....	......	......
Spring Cr.—Lower Deer Cr. (2 S. 15 E.)—Sweetgrass	1	400	10.0	....	......	......
Spring Cr.—Lower Deer Cr. (1 S. 16 E.)—Sweetgrass	3	500	12.5	1	40	1.0
Spring Cr.—Lodge Pole Cr.—Sweetgrass	1	160	4.0	....	......	......
Spring Cr.—Otter Cr.—Sweetgrass	3	†200	5.0	....	......	......
Spring Cr.—Scofield Cr.—Sweetgrass	1	150	3.8	....	......	......
Spring Cr.—Sweetgrass Cr. (Sec. 10, 4 N. 14 E.)—Sweetgrass	1	100	2.5	....	......	......
Spring Cr.—E. F. Sweetgrass Cr.—S'Grass	1	80	2.0	....	......	......
Spring Cr.—Sweetgrass Cr. (T. 4 N. 16 E.)—Sweetgrass	2	300	7.5	....	......	......
Spring Cr.—Sweetgrass Cr. (Sec. 18, 4 N. 14 E.)—Sweetgrass	1	200	5.0	....	......	......
Spring Cr.—Ten Mile Cr.—Sweetgrass	1	150	3.8	....	......	......
Spring Cr.—White Beaver Cr. (T. 1 S.)—Sweetgrass	1	100	2.5	....	......	......
Spring Cr.—White Beaver Cr. (T. 1 N.)—Sweetgrass	1	100	2.5	....	......	......
Spring Cr.—Yellowstone R. (1 N. 15 E.)—Sweetgrass	1	100	2.5	....	......	......
Spring Cr.—Yellowstone R. (1 N. 14 E.)—Sweetgrass	1	10	0.2	....	......	......
Spring Cr.—Yellowstone R. (1 S. 16 E.)—Sweetgrass	1	500	12.5	....	......	......
Spring Cr.—Blackleaf Cr.—Teton	1	200	5.0	....	......	......
Spring Cr.—Cutbank Cr.—Teton	1	100	2.5	....	......	......
Spring Cr.—Deep Cr.—Teton	2	440	11.0	....	......	......
Spring Cr.—Dry F. Marias R.—Teton	5	890	22.2	....	......	......
Spring Cr.—Pondera Coulee—Teton	1	1,500	37.5	....	......	......
Spring Cr.—N. F. Pondera Coulee—Teton	4	2,650	66.2	....	......	......
N. F. Spring Cr.—Spring Cr.—Teton	3	2,080	52.0	....	......	......
S. F. Spring Cr.—Spring Cr.—Teton	2	320	8.0	....	......	......
Spring Cr.—Sun R.—Teton	1	100	2.5	....	......	......
Spring Cr.—Teton R. (N. Side)—Teton	5	25,300	632.5	....	......	......
*Spring Cr.—Teton (S. Side)—Teton	21	17,470	436.8	....	......	......
M. F. Spring Cr.—Spring Cr.—Teton	1	1,200	30.0	....	......	......
N. F. Spring Cr.—Spring Cr.—Teton	1	600	15.0	....	......	......
Spring Cr.—Miners Coulee—Toole	9	1,130	28.2	....	......	......
Spring Cr.—Pryor Cr.—Yellowstone	1	1,500	37.5	....	......	......
Spring Cr.—Twin Lakes—Yellowstone, Musselshell	4	16,400	410.0	....	......	......
Spring Gulch—Big Hole R.—Beaverhead	2	150	3.8	....	......	......
Spring Gulch—Grasshopper Cr.—Beaverhead	4	240	6.0	....	......	......
Spring Gulch—Horse Prairie Cr.—Beaverhead	1	200	5.0	....	......	......
Spring Gulch—Reservoir Cr.—Beaverhead	1	250	6.2	....	......	......
Spring Gulch—Confederate Gulch—Br'water	5	175	4.4	....	......	......
Spring Gulch—White's Cr.—Broadwater	4	550	13.8	....	......	......
Spring Gulch—Rocky Fork—Carbon	2	65§	1.6	....	......	......
Spring Gulch—Lost Cr.—Deer Lodge	3	240	6.0	....	......	......
Spring Gulch Cr.—Henderson Gulch—Granite	1	100	2.5	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Spring Gulch—Rock Cr.—Granite	4	625	15.6	....	......	......
Spring Gulch—Boulder R.—Jefferson	5	1,120	28.0	....	......	......
Spring Gulch—L. Pipestone Cr.—Jefferson	1	40	1.0	....	......	......
Spring Gulch—Ruby Cr.—Jefferson	3	†80	2.0	....	......	......
Spring Gulch—Gravel Range Lake—L. & C.	2	100	2.5	....	......	......
Spring Gulch—Magpie Cr.—Lewis & Clark	1	all	......	....	......	......
Spring Gulch—Madison R. (T. 7 S.)—Madison	1	50	1.2	....	......	......
Spring Gulch—Madison R. (T. 8 S.)—Madison	1	160	4.0	....	......	......
Spring Gulch—Ruby R.—Madison	1	200	5.0	....	......	......
Spring Gulch—Ramshorn Cr.—Madison	1	50	1.2	....	......	......
Spring Gulch—Missoula R.—Mineral	20	4,050	101.2	....	......	......
N. Br. Spring Gulch—Spring Gulch—Mineral	5	3,200	80.0	....	......	......
Spring Gulch—Missoula R.—Missoula	2	80	2.0	....	......	......
Spring Gulch—Union Cr.—Missoula	1	all	......	....	......	......
Spring Gulch—Daisy Dean Cr.—Park	1	160	4.0	....	......	......
Spring Gulch—American Gulch—Powell	1	25	0.6	....	......	......
Spring Gulch—Baggs Cr.—Powell	1	200	5.0	....	......	......
Spring Gulch—Hell Gate R. (10 N. 11 W.)—Powell	2	260	6.5	....	......	......
Spring Gulch—Hell Gate R. (7 N. 9 W.)—Powell	1	100	2.5	....	......	......
Spring Gulch—L. Blackfoot R.—Powell	3	†400	10.0	....	......	......
Spring Gulch—Snow Shoe Gulch—Powell	1	50	1.2	....	......	......
Spring Gulch—Three Mile Cr.—Powell	2	†75	1.9	....	......	......
Sjring Gulch—Sweathouse Cr.—Ravalli	2	†40	1.0	....	......	......
Spring Gulch—Willow Cr.—Ravalli	2	140	3.5	....	......	......
Spring Gulch—Brown's Gulch—Silver Bow	1	all	......	....	......	......
Spring Gulch—Divide Cr.—Silver Bow	6	580	14.5	....	......	......
Spring Lake—Sims Cr.—Cascade	1	100	2.5	....	......	......
Spring Lake .... Chouteau	1	20,000	500.0	....	......	......
Spring Lake—Dearborn R.—Lewis & Clark	1	100	2.5	....	......	......
Spring Lake—Dupuyer Cr.—Teton	1	200	5.0	....	......	......
Spring Lake .... Teton	1	a	......	....	......	......
Spring Slough—Big Hole R.—Madison	2	200	5.0	....	......	......
Spring Valley .... Lewis & Clark	1	all	......	....	......	......
Springdale Coulee—Missouri R.—Sheridan	1	800	20.0	....	......	......
Springdale Coulee—Cherry Cr.—Valley	1	400	10.0	....	......	......
Springdale Cr.—Beaver Cr.—Hill	2	400	10.0	....	......	......
Spring Davis Cr.—Mill Cr.—Park		See Davis Creek.				
Spring Lake Coulee—Cora Cr.—Cascade	1	100	2.5	....	......	......
Spring Reaf Cr.—Red Rock R.—Beaverhead	1	100	2.5	....	......	......
Spring Grane Cr.—Freeman Cr.—Meagher	1	250	6.2	....	......	......
Spring Grove Cr.—Smith R.—Meagher	1	100	2.5	....	......	......
Spring Hill Coulee—Muddy Cr.—Teton	9	6,000	150.0	....	......	......
S. F. Spring Hill Coulee—Spring Hill Coulee Teton	1	160	4.0	....	......	......
Spring Hill Cr.—Belt Cr.—Cascade	1	200	5.0	....	......	......
Spring Hill Cr.—Red Rock R.—Beaverhead	1	800	20.0	....	......	......
Springer Cr.—Wright Coulee—Custer	1	200	5.0	....	......	......
Sprink Cr.—Warren Cr.—Powell	1	720	18.0	....	......	......
Sprinkle Coulee—Big Sandy Cr.—Hill	2	800	20.0	....	......	......
Spruce Canyon Cr.—Bison Cr.—Jefferson		See Spruce Creek.				
Spruce Cr.—Belt R.—Cascade	3	375	9.4	....	......	......
Spruce Cr.—Rock Cr.—Granite	2	80	2.0	....	......	......
Spruce Cr.—Bison Cr.—Jefferson	6	†1,550§	38.7	....	......	......
Spruce Cr.—Pipestone Cr.—Jefferson	1	100	2.5	....	......	......
Spruce Gulch—Confederate Gulch—Brd'water	6	600	15.0	....	......	......
Spur Four Gulch .... Jefferson	1	20	0.5	....	......	......
Square Butte Coulee—L. Muddy Cr.—Cascade	1	100	2.5	....	......	......
Square Butte Lake—L. Muddy Cr.—Cascade	4	900	22.5	....	......	......
Square Butte Lake—Sage Cr.—Hill	1	200	5.0	....	......	......
Square Coulee—Larb Cr.—Valley	3	1,200	30.0	....	......	......
Square Lake—Bear Cr.—Ravalli	1	500	12.5	....	......	......
Squaw Coulee—Indian Cr.—Fergus	2	200	5.0	....	......	......
Squaw Coulee—Milk R.—Hill	2	6,480	162.0	....	......	......
Squaw Coulee—Blackleaf Cr.—Teton	3	600	15.0	....	......	......
Squaw Cr.—Big Hole R.—Beaverhead	17	5,140	128.5	....	......	......

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a—Add 50,000 acre-feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Squaw Cr.—Rock Cr.—Carbon	1	all	......	....	......	......
Squaw Cr.—W. Hound Cr.—Cascade	2	1,700	42.5	....	......	......
Squaw Cr. .... Chouteau	1	400	10.0	....	......	......
S. F. Squaw Cr.—Squaw Cr.—Chouteau	1	200	5.0	....	......	......
Squaw Cr.—Tongue R.—Custer	3	1,900§	47.5	....	......	......
S. Squaw Cr.—Squaw Cr.—Custer	1	80	2.0	....	......	......
Squaw Cr.—Indian Cr.—Fergus	1	150	3.7	....	......	......
N. Squaw Cr.—Madison R.—Madison	1	500	12.5	....	......	......
Squaw Cr.—Pioneer Cr.—Powell	1	200	5.0	....	......	......
Squaw Cr.—Bitterroot R.—Ravalli	1	100	2.5	....	......	......
Squaw Cr.—Clark .F. Columbia R. (22 N 30 W.)—Sanders	5	1,600	40.0	4	815	20.4
Squaw Cr.—Clark F. Columbia R. (21 N. 28 W.)—Sanders	6	2,515	62.8	....	......	......
Squaw Cr.—Yellowstone R.—Yellowstone	1	200	5.0	....	......	......
Squaw Gulch Cr.—Nine Mile Cr.—Missoula	1	300	7.5	....	......	......
Squirrel Cr.—Tongue R.—Big Horn	22	6,323	158.1	....	......	......
Squirrel Cr.—Windfall Cr.—Mineral	2	550	13.7	....	......	......
Stabach Cr.—Beaver Cr.—Broadwater		See Staubach Creek.				
Stable Butte Cr. .... Valley	1	†2,000	50.0	....	......	......
Stafford Coulee—Willow Cr.—Toole	1	400	10.0	....	......	......
Stafford Coulee—Missouri R.—Sheridan	4	9,784	244.6	....	......	......
W. Pr. Stafford Cr.—Stafford Cr.—Sheridan	3	9,712	242.8	....	......	......
Stage Barn Cr.—Lake Cr.—Lincoln	2	420	10.5	....	......	......
Stager Cr.—Mill Cr.—Custer	1	500	12.5	....	......	......
Stage Rock Cr.—Lion Cr.—Custer	1	480	12.0	....	......	......
Stampede Gulch—Missouri R.—Lewis & C.	1	all	......	....	......	......
Stanfield Cr.—Big Hole R.—Beaverhead	1	100	2.5	....	......	......
Standard Coulee—Red R.—Toole	1	200	5.0	....	......	......
Standly Cr.—Basin Cr.—Silver Bow	1	120	3.0	....	......	......
Stanely Coulee—Pondera Coulee—Toole	1	400	10.0	....	......	......
Stanley Cr.—Big Hole R.—Beaverhead	11	6,060	151.5	....	......	......
Stanley Cr.—Rocky Fork—Carbon	2	190	4.8	....	......	......
E. F. Stanley Cr.—Stanley Cr.—Carbon	2	†50	1.2	....	......	......
Stanley Cr.—Lake Cr.—Lincoln	1	1,000	25.0	....	......	......
Star Coulee—Missouri R.—Sheridan	3	7,912§	197.8	....	......	......
Star Cr .... Flathead	1	500	12.5	....	......	......
Stark Coulee—Big Otter Cr.—Cascade	1	150	3.7	....	......	......
Stark Coulee—Cow Cr.—Toole		See Stark Creek.				
Stark Cr.—Cow Cr.—Toole	2	240	6.0	....	......	......
Starvation Cr.—Hell Gate R.—Missoula	1	50	1.2	....	......	......
State Coulee—Belt Cr.—Cascade	1	100	2.5	....	......	......
State Cr.—L. Blackfoot R.—Powell	3	820	20.5	....	......	......
Stations Coulee—Milk R.—Blaine	1	400	10.0	....	......	......
Station Cr.—Deep Cr.—Broadwater	1	50	1.2	....	......	......
Station Cr.—Pennell Cr.—Fallon	1	200	5.0	....	......	......
Station Cr.—Flathead Lake—Flathead	2	16,000	400.0	....	......	......
Station Coulee—Red Rock Coulee—Hill	1	1,000	25.0	....	......	......
Staubach Cr.—Beaver Cr.—Broadwater	4	305	7.6	7	†415	10.4
Staufer Coulee—Cutbank Cr.—Teton	1	400	10.0	....	......	......
Stebbins Cr. .... Custer	1	500	12.5	....	......	......
Steele Cr.—Grasshopper Cr.—Beaverhead	1	160	4.0	1	70	1.8
Steele Cr.—Big Hole R.—Beaverhead	34	14,680	367.0	....	......	......
S. Steele Cr.—Steele Cr.—Beaverhead	1	500	12.5	....	......	......
N. F. Steele Cr.—Steele Cr.—Beaverhead	2	750	18.8	....	......	......
Steele Cr.—Arrow Cr.—Chouteau	5	880§	22.0	....	......	......
Steer Coulee .... Dawson	1	10,080	252.0	....	......	......
Steger Cr.—Yellowstone R.—Custer	6	7,600§	190.0	....	......	......
E. F. Steger Cr.—Steger Cr.—Custer	1	600	15.0	....	......	......
Stelle Cr.—Teton R.—Teton		See Spring Cr. (S. Side.)				
Stempflin Cr.—Cottonwood Cr.—Fallon	1	500	12.5	....	......	......
Stemples Gulch—Trout Cr.—Lewis & Clark	1	all	......	....	......	......
Stephen's Coulee—Sage Cr.—Hill	1	300	7.5	....	......	......
Stephens Coulee—Teton R.—Teton	1	100	2.5	....	......	......
Stephens Coulee—Stony Cr.—Missoula	1	240	6.0	....	......	......
Stephens Cr.—Yellowstone R.—Park	1	500	12.5	....	......	......
Stephenson Cr.—Strevell Cr.—Custer	1	600	15.0	....	......	......

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Sterrett Gulch—Cottonwood Cr.—Powell	2	280	7.0	....	......	......
Sterbeck Coulee—Big Porcupine Cr.—Valley	1	400	10.0	....	......	......
Stevens Coulee—Missouri R.—Valley	1	400	10.0	....	......	......
Stevens Cr.—E. F. Cottonwood Cr.—Meagher	1	200	5.0	....	......	......
Stevens Cr. ....Gallatin	1	all	......	....	......	......
M. F. Stevens Ford Cr.—Stevens Ford Cr.—Custer	1	300	7.5	....	......	......
Stevenson Coulee—Missouri R.—Cascade	1	50	1.2	....	......	......
Steves Fork Cr. ....Dawson	1	200	5.0	....	......	......
Stewart Coulee—Sage Cr.—Hill	2	700	17.5	....	......	......
Stewart Coulee—Dry Lake—Toole	1	†	......	....	......	......
Stewart Cr.—Powder R.—Custer	2	5,000	125.0	....	......	......
Stewart Cr.—Flint Cr.—Granite	9	1,990	49.8	....	......	......
Stewart Cr.—Fortine Cr.—Lincoln	1	300	7.5	....	......	......
Stewart Cr.—Big Elk Cr.—Meagher	..	....	......	1	46	1.2
Stewart Cr.—Teton R.—Teton	2	2,000	50.0	....	......	......
Stewart Lake—S. F. Boulder Cr.—Granite	3	1,800	45.0	....	......	......
Stewart Lake—Goose Lake Cr.—Sheridan	1	240	6.0	....	......	......
Sticklin Cr.—Yellowstone R.—Park	12	†4,860	121.5	....	......	......
Stickney Cr.—Missouri R.—Lewis & Clark	3	1,500	37.5	....	......	......
N. F. Stickney Cr.—Stickney Cr.—Cascade, Lewis & Clark	1	500	12.5	....	......	......
S. F. Stickney Cr.—Stickney Cr.—Cascade, Lewis & Clark	1	100	2.5	....	......	......
Stillwater Cr.—Yellowstone R.—Park, Stillwater		See Stillwater River.				
*Stillwater R. — Flathead R. — Flathead, Lincoln	21	349,514§	8,737.8	....	......	......
M. F. Stillwater R.—Stillwater R.—Flathead	1	2,400	60.0	....	......	......
S. F. Stillwater R.—Stillwater R.—Flathead	5	102,500	2,562.5	....	......	......
*Stillwater R.—Yellowstone R.—Park, Sweetgrass, Stillwater	62	†1187725§	29693.1	14	1,150	28.8
E. F. Stillwater R.—Stillwater R.—Stillwater	1	11,520	288.0	....	......	......
W. F. Stillwater R.—Stillwater R.—Stillwater, Sweetgrass	3	660	16.5	....	......	......
Stimble Coulee—Dry F. Marias R.—Teton	1	200	5.0	....	......	......
Stine Cr.—Wise R.—Beaverhead	1	1,000	25.0	....	......	......
Stiner Cr.—Judith R.—Fergus	1	200	5.0	....	......	......
Stinkey Cr.—Milk R.—Valley	4	10,200	255.0	....	......	......
Stinking Water Cr.—Big Springs Cr.—Fergus	4	1,660	41.5	....	......	......
Stinking Water R.—Beaverhead R.—Madison		See Ruby River.				
Stinson Coulee—Red R.—Toole	1	800	20.0	....	......	......
Stockade Coulee—Fourchette Cr.—Valley	1	1,000	25.0	....	......	......
Stockade Cr.—Beaver Cr.—Wibaux	2	1,000	25.0	....	......	......
Stoddens Slough—Beaverhead R.—B'verhead		See Beaverhead River.				
Stohr Cr.—Checkerboard Cr.—Meagher	1	200	5.0	....	......	......
Stoltz Cr.—Powers Cr.—Carbon	1	100	2.5	....	......	......
Stone Coulee—Missouri R.—Sheridan	1	200	5.0	....	......	......
Stone Coulee—Dry Lake—Toole	2	600	15.0	....	......	......
Stone Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Stone Cr.—Beaverhead R.—Beaverhead	13	2,990	74.8	....	......	......
Stone Cr.—Powder R.—Custer	1	2,500	62.5	....	......	......
Stone Cr.—Bridger Cr.—Gallatin	1	200	5.0	....	......	......
Stone Cr.—Sixteen Mile Cr.—Meagher	1	200	5.0	....	......	......
Stone Cr. ....Missoula	1	50	1.2	....	......	......
Stone Cr.—Teton R.—Teton	1	320	8.0	....	......	......
Stone Cr.—Milk R.—Valley	1	†	......	....	......	......
Stonechest Cr.—Keeler Cr.—Lincoln	1	500	12.5	....	......	......
Stone Chimney Gulch—Cabin Cr.—Fallon	1	500	12.5	....	......	......
Stone House Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
Stone Quarry Cr.—W. Gallatin R.—Gallatin	1	100	2.5	....	......	......
Stone Lake Basin—Dry Wolf Cr.—Fergus	1	509	12.7	....	......	......
Stone Shack Coulee—Cow Cr.—Custer	1	†	......	....	......	......
Stonewall Cr.—Keep Cool Cr.—Lewis & C.	10	†1,820§	45.5	....	......	......
Stonewall Cr. ....Madison	1	†	......	....	......	......
Stonewall Gulch—Keep Cool Cr.—Lewis & C.		See Stonewall Creek.				
Stoney Cr.—Nine Mile Cr.—Missoula	2	360	9.0	....	......	......
Stony Coulee—Benton Lake—Cascade	1	200	5.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Stony Coulee—Martin Coulee—Valley	1	200	5.0	....	......	......
Stony Cr.—Hell Gate R.—Missoula, Granite		See Rock Creek.				
Stony Cr.—Rock Cr.—Granite	15	18,120	453.0	....	......	......
L. F. Stony Cr.—Rock Cr.—Granite		See N. F. Stony Creek.				
N. F. Stony Cr.—Stony Cr.—Granite	2	5,400	135.0	....	......	
R. F. Stony Cr.—Stony Cr.—Granite		See S. F. Stony Creek.				
S. F. Stony Cr.—Stony Cr.—Granite	3	6,500	162.5	....	......	......
W. F. Stony Cr.—Stony Cr.—Granite	8	1,860	46.5	....	......	......
Stony Gulch—Tongue R.—Custer	1	4,000	100.0	....	......	......
Stony Lake ... Chouteau	1	160	4.0	....	......	......
Stony Lake—Stony Cr.—Granite		See Stony Creek.				
Store Gulch—Bear Gulch—Powell	1	all	......	....	......	......
Storm Coulee—Missouri R.—Sheridan	1	500	12.5	....	......	......
Storm Lake Cr.—Warm Spr. Cr.—Deer Lodge	15	†40,900	1,022.5	2	2,090	52.2
Storm Sewer—Silver Bow Cr.—Silver Bow	1	200	5.0	....	......	......
Stormy Cr.—W. F. Big Cr.—Mineral	1	160	4.0	....	......	......
Story Cr.—Dry Cr.—Gallatin	1	100	2.5	....	......	......
Stout Cr.—Box Elder Cr.—Fallon	1	300	7.5	....	......	......
Stove Coulee—Poplar R.—Sheridan	2	†400	10.0	....	......	......
Straight Coulee—Sand Coulee Cr.—Cascade	1	500	12.5	....	......	......
Straight Cr.—Horse Cr.—Custer	1	200	5.0	....	......	......
Straight Cr.—Tongue R.—Rosebud	1	500	12.5	....	......	......
Strand Coulee—Muddy Cr.—Teton	8	2,430	60.8	....	......	......
Strange Gulch—Cow Cr.—Ravalli	1	200	5.0	....	......	......
Strawberry Cr.—McDonald Cr.—Fergus	1	40	1.0	....	......	......
Strawberry Cr.—Prickly Pear Cr.—Jefferson	5	1,100	27.5	....	......	......
Strawberry Cr. ... Madison	5	850	21.2	....	......	......
Strawberry Cr.—Yellowstone R.—Park	10	2,170	54.2	....	......	......
Strawberry Cr.—Willow Cr.—Toole	10	1,340	33.5	....	......	......
Stream No. 1—Canon Cr.—Lewis & Clark	2	†	......	....	......	......
Strevell Cr.—Powder R.—Custer	2	1,000	25.0	....	......	......
S. Strevell Cr.—Strevell Cr.—Custer	5	2,180§	54.5	....	......	......
Strickland Cr.—Yellowstone R.—Park		See Sticklin Creek.				
Strickland Cr.—Elbow Cr.—Park	1	150	3.8	12	†1,150	28.8
Strickland Cr.—Trail Cr.—Park	2	185	4.6	3	475	11.9
N. F. Strickland Cr.—Strickland Cr.—Park		See Strickland Creek.				
S. F. Strickland Cr.—Strickland Cr.—Park		See Strickland Creek.				
Strickland Cr.—L. Blackfoot R.—Powell	5	800	20.0	14	560	14.0
M. F. Strickland Cr. ... Powell		See Strickland Creek.				
W. F. Strickland Cr.—Strickland Cr.—Powell		See Strickland Creek.				
Strike Coulee—Marias R.—Toole	1	1,000	25.0	....	......	......
Stringfellow Cr.—L. Powder R.—Custer	1	600	15.0	....	......	......
Strode Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Strong Cr. ... Missoula	1	60	1.5	....	......	......
Strozzies Cr. ... Jefferson	1	5	0.1	2	a	......
Struck Cr.—Cedar Cr.—Stillwater	4	760	19.0	....	......	......
Stuart Gulch—Flint Cr.—Granite		See Stewart Creek.				
Stubblefield Cr.—Bridger Cr.—Gallatin	1	110	2.8	....	......	......
Stuckey's Gulch—Warm Spr. Cr.—Deer Lodge	2	†40	......	1	25	0.6
Stuckies Gulch—Warm Spr. Cr.—Deer Lodge		See Stuckey's Gulch.				
Studhorse Cr.—Smith R.—Meagher	6	1,200	30.0	3	220	5.5
Stump Cr.—Powder R.—Custer, Fallon	2	2,000	50.0	....	......	......
Suce Cr.—Yellowstone R.—Park	3	1,150	28.8	....	......	......
N. F. Suce Cr.—Suce Cr.—Park	1	200	5.0	....	......	......
Sucker Cr.—Box Elder Cr.—Hill	2	280	7.0	....	......	......
Sucker Cr.—B. Blackfoot R.—Powell	2	340	8.5	....	......	......
Sucker Gulch—Trapper Cr.—Beaverhead	4	1,140	28.5	5	150	3.8
Suction Cr.—Cow Cr.—Blaine	12	6,200	155.0	....	......	......
Bear Paw Suction Cr.—Suction Cr.—Blaine	1	160	4.0	....	......	......
E. F. Suction Cr.—Suction Cr.—Blaine	1	160	4.0	....	......	......
M. F. Suction Cr.—Suction Cr.—Blaine	1	60	1.5	....	......	......
N. F. Suction Cr.—Suction Cr.—Blaine	2	360	9.0	....	......	......
Sugar Gulch ... Yellowstone	1	200	5.0	....	......	......
Sugar Loaf Cr.—Eldridge Cr.—Park	1	25	0.6	....	......	......
N. F. Sugar Loaf Cr.—Sugar Loaf Cr.—Park	1	all	......	....	......	......
Sula Cr.—Box Elder Cr.—Fallon	1	1,200	30.0	....	......	......

a—175 gal. per hour.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Sullivan Coulee—Redwater Cr.—Richland...	1	1,584	39.6	....	......	......
Sullivan Coulee—Dry Lake—Toole	1	500	12.5	....	......	......
Sullivan Coulee .... Valley	1	600	15.0	....	......	......
Sullivan Cr.—Dearborn R.—Cascade........	7	2,355	58.9	....	......	......
Sullivan Cr.—Big Cr.—Deer Lodge	9	2,980	74.5	....	......	......
E. Br. Sullivan Cr.—Sullivan Cr.—Deer L.		See Sullivan Creek.				
Sullivan Cr.—Potter Cr.—Fergus	1	1,000	25.0	....	......	......
*Sullivan Cr.—L. Bitterroot R.—Flathead, Sanders	9	401,400§	10035.0	....	......	......
W. F. Sullivan Cr.—Sullivan Cr.—Sanders..	1	80	2.0	....	......	......
Sullivan Cr.—Kootenai R.—Lincoln	1	400	10.0	....	......	......
Sullivan Gulch—Basin Cr.—Jefferson	3	1,400	35.0	....	......	......
Sulphur Butte Cr.—Snake Cr.—Blaine......	2	†200	5.0	....	......	......
Sulphur Cr.—Big Spring Cr.—Fergus	1	150	3.7	....	......	......
Sulphur Cr.—Elkhorn Cr.—Lewis & Clark..	1	100	2.5	....	......	......
Sulphur Cr.—Rock Cr.—Meagher	1	160	4.0	....	......	......
Sulphur Spring Cr.—E. F. Lee Cr.—Rosebud	1	1,500	37.5	....	......	......
Summers Coulee—Willow Cr.—Toole	2	400	10.0	....	......	......
Summers Cr.—Medicine Lodge Cr.—Bea'head	1	500	12.5	....	......	......
Summer Gulch—Flint Cr.—Granite	1	120	3.0	....	......	......
Summit Cr.—Sheep Cr.—Beaverhead........	2	1,200	30.0	....	......	......
Summit Cr.—M. F. Flathead R.—Flathead..	1	5,000	125.0	....	......	......
Summitt Cr.—Twin Lake Cr.—Deer Lodge..	2	4,000	100.0	....	......	......
Summit Cr.—S. F. Musselshell R.—Meagher	1	160	4.0	....	......	......
Summit Cr.—Missoula Gulch—Silver Bow....	1	400	10.0	....	......	......
Summit Gulch .... Broadwater	1	all	......	....	......	......
Summit Gulch............... Lewis & Clark	2	†100	2.5	....	......	......
Summit Gulch Cr.—Divide Cr.—Silver Bow..	2	250§	6.2	....	......	......
Summit Lake—Twin Lake Cr.—Deer Lodge..		See Summitt Creek.				
Summitt Lake—Prickly Pear Cr.—Jefferson	3	5,000	125.0	....	......	......
Summit Lake—Dearborn R.—Lewis & Clark	1	500	12.5	....	......	......
Summit Valley—Alder Cr.—Madison	1	75	1.9	....	......	......
Sun Coulee Cr.—Blacktail Cr.—Rosebud....	3	400	10.0	....	......	......
Sun Cr.—Surprise Cr.—Fergus, Cascade, Meagher	13	2,860	71.5	....	......	......
*Sun R.—Missouri R.—Cascade, Lewis & C.	106	†811,712§	20292.8	174	72,905	1,822.6
*N. F. Sun R.—Sun R.—Lewis & Clark......	16	†908,260§	22706.5	....	......	......
*S. F. N. F. Sun R.—N. F. Sun R.—L. & C.	1	100,000	2,500.0	....	......	......
*S. F. Sun R.—Sun R.—Lewis & Clark......	24	112,440	2,811.0	....	......	......
E. F. of S. F. Sun R.—S. F. Sun R.—L. & C.		See Elk Creek.				
Sunburst Coulee—Red R.—Toole	1	200	5.0	....	......	......
Sunday Cr.—Yellowstone R.—Custer	1	15,000	375.0	....	......	......
N. F. Sunday Cr.—Sunday Cr.—Rosebud, Custer	3	6,000	150.0	....	......	......
S Sunday Cr.—Sunday Cr.—Custer	2	5,500	137.5	....	......	......
Sunny Coulee—B. Muddy Cr.—Sheridan.....	1	240	6.0	....	......	......
Sun Prairie Cr.—Beaver Cr.—Valley........	5	1,400	35.0	....	......	......
W. F. Sun Prairie Cr.—Sun Prairie Cr.—Valley	1	400	10.0	....	......	......
Sunrise Cr.—Madison R.—Madison	5	700	17.5	....	......	......
Sunrise Cr.—Wisconsin Cr.—Madison........	1	2,000	50.0	....	......	......
Sunrise Cr.—Missoula R.—Mineral	3	1,400	35.0	....	......	......
Sun Set Cr.—Elkhorn Cr.—Lewis & Clark..	1	75	1.9	....	......	......
Sun Set Cr.—Placid Cr.—Missoula	1	1,000	25.0	....	......	......
Supernean Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Supprise Ditch Cr.—Yellowstone R.—Y'stone	1	400	10.0	....	......	......
Sureenough Cr.—McDonald Cr.—Fergus....	3	500	12.5	....	......	......
Sure Shot Cr. .... Madison	4	5,540	138.5	....	......	......
Surprise Coulee—Missouri R.—Blaine......	1	120	3.0	....	......	......
Surprise Cr.—Arrow Cr.—Cascade, Fergus..	36	†7,560§	189.0	....	......	......
N. F. Surprise Cr.—Surprise Cr.—Fergus....	1	100	2.5	....	......	......
Surprise Cr.—Peoples Cr.—Blaine	1	100	2.5	....	......	......
Suse Cr.—Yellowstone R.—Park	2	440	11.0	3	420	10.5
Susie Cr.—Boulder R.—Sweetgrass	2	250	6.2	....	......	......
Susquehanna Cr.—Sour Kraut Cr.—L. & C.	1	all	......	....	......	......
Sutton Cr.—Kootenai R.—Lincoln	1	2§	0.0	....	......	......
Swab Run—Teton R.—Chouteau	1	160	4.0	....	......	......
Swamp Coulee—Willow Cr.—Toole	1	160	4.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Swamp Cr.—S. F. Big Hole R.—Beaverhead	1	300	7.5	....	......	......
Swamp Cr.—Grasshopper Cr.—Beaverhead	4	640	16.0	1	160	4.0
Swamp Cr.—Moose Cr.—Beaverhead	15	5,140	128.5	3	220	5.5
N. F. Swamp Cr.—Moose Cr.—Beaverhead	1	300	7.5	....	......	......
N. & M. F. Swamp Cr.—Swamp Cr.—B'head	1	220	5.5	....	......	......
Swamp Cr.—Wise R.—Beaverhead	1	80	2.0	....	......	......
M. Swamp Cr.—B. Swamp Cr.—Beaverhead	1	800	20.0	....	......	......
N. Swamp Cr.—B. Swamp Cr.—Beaverhead	4	1,200	30.0	....	......	......
S. F. Swamp Cr.—B. Swamp Cr.—Beaverhead	1	1,000	25.0	....	......	......
Swamp Cr.—Deer Lodge R.—Deer Lodge	1	200	5.0	....	......	......
Swamp Cr.—Flint Cr.—Granite	1	50	1.2	....	......	......
Swamp Cr.—Boulder Cr.—Granite	1	500	12.5	....	......	......
Swamp Cr. ....Granite	3	all	......	....	......	......
Swamp Cr.—Poorman Cr.—Lewis & Clark	1	80	2.0	....	......	......
Swamp Cr.—Libby Cr.—Lincoln	2	20,120	503.0	....	......	......
Swamp Cr.—Dry Cr.—Powell	1	360	9.0	....	......	......
N. Swamp Cr.—Bitterroot R.—Ravalli	1	40	1.0	9	637	15.9
S. Swamp Cr.—Bitterroot R.—Ravalli	..	....	......	23	1,985	49.6
Swamp Cr. (T. 25 N.)—Clark F. Columbia R. Sanders	3	480	12.0	....	......	......
Swamp Cr. (T. 20 N.)—Clark F. Columbia R. Sanders	10	10,472	261.8	....	......	......
L. F. Swamp Cr.—Swamp Cr.—Sanders	1	100	2.5	....	......	......
N. F. Swamp Cr.—Swamp Cr.—Sanders	2	4,500	112.5	....	......	......
S. F. Swamp Cr.—Swamp Cr.—Sanders	2	320	8.0	....	......	......
Swamp Cr.—Big Timber Cr.—Sweetgrass	21	6,910	172.8	16	1,754	43.8
N. F. Swamp Cr.—Swamp Cr.—Sweetgrass	1	1,000	25.0	....	......	......
Swamp Cr.—N. F. Willow Cr.—Teton	1	400	10.0	....	......	......
Swan Coulee Cr.—Big Otter Cr.—Cascade	18	2,419	60.5	....	......	......
Swan Cr.—Big Hole R.—Beaverhead		See Fox Creek.				
Swan Lake—Miners Coulee—Toole	2	800	20.0	....	......	......
*Swan R.—Flathead Lake—Flathead	6	174,000	4,350.0	....	......	......
Swan Slough—B. Muddy Cr.—Sheridan	1	600	15.0	....	......	......
Swanson Coulee ....Valley	1	600	15.0	....	......	......
Swantan's Cr.—Bull Hook Cr.—Hill	1	200	5.0	....	......	......
Swartz's Cr.—Sweeney Cr.—Rosebud	1	400	10.0	....	......	......
Swead Cr.—M. F. Rock Cr.—Granite	1	100	2.5	....	......	......
Sweathouse Cr.—Bitterroot R.—Ravalli	22	†9614760§	240369.0	52	3,873	96.8
Swede Cr.—Yellowstone R.—Custer	1	500	12.5	....	......	......
Sweeney Cr.—Bitterroot R.—Ravalli	12	4,600	115.0	34	2,542	63.5
Sweeney Cr.—Yellowstone R.—Rosebud	3	616	15.4	....	......	......
Sweeney Cr.—Ten Mile Cr.—Lewis & Clark	3	250	6.2	....	......	......
Sweeney's Gulch—Silver Bow Cr.—Silver Bow	1	all	......	....	......	......
Sweets Coulee—Milk R.—Hill	1	140	3.5	....	......	......
Sweet Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Sweet Ashlone Cr.—Mill Cr.—Deer Lodge	1	1,500	37.5	....	......	......
Sweetgrass Coulee—Cottonwood Cr.—Hill	2	720	18.0	....	......	......
*Sweetgrass Cr.—Yellowstone R.—Sw'tgrass	115	†220,215§	5,505.4	100	20,653	516.3
E. F. Sweetgrass Cr.—Sweetgrass Cr.—Sweetgrass	5	1,660	41.5	....	......	......
Dry F. Sweetgrass Cr.—E. F. Sweetgrass Cr. Sweetgrass	2	300	7.5	....	......	......
Sweetgrass Lake—Red R.—Toole		See Mantles Coulee.				
Sweetman Channel—Missouri R.—Sheridan	2	1,800	45.0	....	......	......
Sweetwater Cr.—Ruby R.—Madison	4	520	13.0	9	1,721	43.0
Sweetwater Cr.—Camas Cr.—Sanders	2	8,160	204.0	....	......	......
Swenson Cr.—Pumpkin Cr.—Custer	2	800	20.0	....	......	......
Swest Coulee—Muddy Cr.—Teton	1	640	16.0	....	......	......
Swetts Gulch—Soup Cr.—Lewis & Clark	1	40	1.0	....	......	......
Swift Cr.—Four Mile Cr.—Mineral	1	400	10.0	....	......	......
*Swiftcurrent Cr.—St. Mary R.—Teton	8	425,200	10,630.0	....	......	......
N. F. Swiftcurrent Cr.—Swiftcurrent Cr. Teton	1	4,000	100.0	....	......	......
Swimming Horse Coulee—Dry Lake—Toole	1	400	10.0	....	......	......
Swimming Woman Cr.—Careless Cr.—M'shell	58	†18,590§	464.7	5	1,200	30.0
E. F. Swimming Woman Cr.—Swimming Woman Cr.—Musselshell	1	75	1.9	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
W. F. Swimming Woman Cr.—Swimming Woman Cr.—Musselshell	8	2,670	66.8	....	......	......
Swisher Cr.—Byrnes Cr.—Cascade	1	50	1.2	....	......	......
Switzer Cr.—Smith R.—Cascade	3	250§	6.2	....	......	......
Sykes Draw—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Sylvan Coulee—Dry Lake—Toole	1	400	10.0	....	......	......
T						
Taber Coulee—Rosebud R.—Rosebud	2	140	3.5	....	......	......
Table Butte Coulee—St. Johns Cr.—Cascade	1	100	2.5	....	......	......
T. A. Cr.—Powder R.—Custer	1	1,000	25.0	....	......	......
Taffy Ridge Cr.—Armells Cr.—Fergus	1	400	10.0	....	......	......
Taft Coulee—Big Horn R.—Big Hole	1	840	21.0	....	......	......
Tag Alder Cr.—Bitterroot R.—Ravalli	2	460	11.5	....	......	......
Tally Cr.—Ashley Cr.—Flathead	1	200	5.0	....	......	......
Talley Lake—Stillwater R.—Flathead		See M. F. Stillwater River.				
Talin Cr.—E. F. Bitterroot R.—Ravalli		See Tolan Creek.				
Tallon Cr.—Beaver Cr.—Valley	2	1,200	30.0	....	......	......
Talequah Cr.—Upper Basin Cr.—Jefferson	1	300	7.5	....	......	......
Tamarack Cr.—B. Blackfoot R.—Missoula	2	120	3.0	....	......	......
Tamarack Cr.—Bitterroot R.—Ravalli	1	40	1.0	2	120	3.0
Tamarack Lake—Dry Cr.—Powell	2	20,000	500.0	....	......	......
Tangen Cr.—Otter Cr.—Sweetgrass	1	50	1.2	....	......	......
Tank Coulee—Larb Cr.—Valley	1	600	15.0	....	......	......
Tank Coulee—Muddy Cr.—Teton	1	200	5.0	....	......	......
Tank Coulee—Milk R.—Valley	2	1,920§	48.0	....	......	......
Tanner Cr.—Youngs Cr.—Big Horn	2	560	14.0	....	......	......
Tarvin Cr. ....Flathead	1	500	12.5	....	......	......
Tate Slope—Eagle Cr.—Chouteau	2	†	......	....	......	......
Taumey Cr.—Madison R.—Gallatin	3	6,000	150.0	....	......	......
Taylor Coulee—B. Otter Cr.—Cascade	1	100	2.5	....	......	......
Taylor Coulee—Willow Cr.—Teton	2	320	8.0	....	......	......
Taylor Coulee—Milk R.—Valley	1	80,000	2,000.0	....	......	......
Taylor Cr.—E. F. Blacktail Deer Cr.—B'head	2	420	10.5	....	......	......
Taylor Cr.—Grasshopper Cr.—Beaverhead	13	3,960	99.0	....	......	......
Taylor Cr.—L. Pumpkin Cr.—Custer	1	1,000	25.0	....	......	......
Taylor Cr.—Otter Cr.—Custer	2	2,000	50.0	....	......	......
N. F. Taylor Cr.—Taylor Cr.—Custer	1	1,000	25.0	....	......	......
S. F. Taylor Cr.—Taylor Cr.—Custer	1	1,000	25.0	....	......	......
Taylor Cr.—L. Missouri R.—Fallon	1	500	12.5	....	......	......
Taylor Cr. ....Gallatin		See Taylor's Fork.				
Taylor Cr.—Corrall Cr.—Hill	1	2,000	50.0	....	......	......
Taylors Cr.—Sheep Cr.—Meagher	1	500	12.5	....	......	......
Taylor Cr.—Clark F. Columbia R.—Sanders	1	300	7.5	....	......	......
S. F. Taylor Cr.—Taylor Cr.—Sanders	1	160	4.0	....	......	......
W. F. Taylor Cr.—Taylor Cr.—Sanders	1	200	5.0	....	......	......
Taylor Fork—Gallatin R.—Gallatin	5	1,160	29.0	....	......	......
Teddy Cr.—Blacktail Deer Cr.—Beaverhead	2	480	12.0	....	......	......
Teed's Coulee—Willow Cr.—Toole	1	200	5.0	....	......	......
Teepe Cr.—Red Rock Cr.—Beaverhead	6	1,620	40.5	....	......	......
N. Teepe Cr. ....Custer	1	200	50.0	....	......	......
Teepe Lodge Cr.—B. Blackfoot R.—L. & C.	1	300	7.5	....	......	......
Telegraph Coulee—Missouri R.—Sheridan	1	1,200	30.0	....	......	......
Telegraph Cr.—L. Blackfoot R.—Powell	2	340	8.5	....	......	......
Telegraph Cr.—Fly Cr.—Yellowstone, Big Horn	1	200,000	5,000.0	....	......	......
Telegraph Cr.—Missouri R.—Valley	5	1,500	37.5	....	......	......
N. F. Telegraph Cr.—Telegraph Cr.—Valley	3	1,000	25.0	....	......	......
S. F. Telegraph Cr.—Telegraph Cr.—Valley	1	200	5.0	....	......	......
Telegraph Gulch—Brown's Gulch—Silver Bow	7	†1,075§	26.9	....	......	......
N. F. Telegraph Gulch—Telegraph Gulch—Silver Bow	1	25	0.6	....	......	......
Telephone Coulee—Shonkin Cr.—Chouteau	1	all	......	....	......	......
Telephone Coulee—Pondera Coulee—Teton	1	200	5.0	....	......	......
Tell Cr.—Yellowstone R.—Custer	1	600	15.0	....	......	......
Temple Gulch ....Jefferson	1	500	12.5	....	......	......
Templin Cr.—Bloody Dick Cr.—Beaverhead	1	250	6.2	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Tenderfoot Cr.—Smith R.—Meagher	3	9,250	231.2	....	......	......
S. F. Tenderfoot Cr.—Tenderfoot Cr.—Meagher	3	890	22.2	....	......	......
E. F. of S. F. Tenderfoot Cr.—S. F. Tenderfoot Cr.—Meagher	1	200	5.0	....	......	......
Ten Mile Cr.—Otter R.—Custer	4	1,400	35.0	....	......	......
Ten Mile Cr.—Big Cr.—Deer Lodge	3	24,140	603.5	....	......	......
Ten Mile Cr.—Bear Gulch—Granite	1	200	5.0	....	......	......
*Ten Mile Cr.—Prickly Pear Cr.—Lewis & C.	67	†18,894§	472.4	....	......	......
E. Br. Ten Mile Cr.—Ten Mile Cr.—L. & C.		See Benner Creek.				
N. F. Ten Mile Cr.—Ten Mile Cr.—Lewis & C.	1	200	5.0	....	......	......
Ten Mile Cr.—Otter Cr.—Sweetgrass	13	27,660§	691.5	....	......	......
Ten Mile Cr.—Yellowstone R.—Yellowstone, Big Horn	5	685	17.1	....	......	......
Ten Mile Gulch—Bear Gulch—Granite	1	300	7.5	....	......	......
Ten Mile Lake—Lost Horse Cr.—Ravalli	1	240	6.0	....	......	......
Ten Springs Coulee Cr.—Big Lake—Stillwater	1	480	12.0	....	......	......
Tepee Cr.—Tom Miner Cr.—Park	1	1,000	25.0	....	......	......
Terrills Coulee—Milk R.—Valley	1	2,000	50.0	....	......	......
Tessier Cr.—Big Cr.—Silver Bow	1	all	......	....	......	......
Teton Cr.—Marias R.—Teton, Chouteau		See Teton River.				
*Teton R.—Missouri R.—Teton, Chouteau	215	†295,830§	7,395.8	26	17,780	444.5
N. F. Teton R.—Teton R.—Teton	1	10,000	250.0	....	......	......
N. F. Teton Butte Coulee—Teton Butte Coulee—Teton	2	660	16.5	....	......	......
M. F. Teton Butte Coulee—Teton Butte Coulee—Teton	1	160	4.0	....	......	......
S. F. Teton Butte Coulee—Teton Butte Coulee—Teton	1	100	2.5	....	......	......
Thayer Cr.—Tongue R.—Big Horn	1	600	15.0	....	......	......
Thebo Lake—Willow Cr.—Teton	1	140	3.5	....	......	......
Theodore Coulee—Poplar R.—Sheridan	2	† all	......	....	......	......
Therrault Cr.—Tobacco R.—Lincoln	21	18,440	461.0	....	......	......
N. F. Therrault Cr.—Therrault Cr.—Lincoln	1	44	1.1	....	......	......
Thibadeau Cr.—Willow Cr.—Cascade		See Middle Willow Creek.				
Thibeaudeau Coulee—N. F. Milk R.—Blaine	1	1,000	25.0	....	......	......
N. F. Thibeaudeau Coulee—Thibeaudeau Coulee—Blaine	1	1,000	25.0	....	......	......
Thibedeau Coulee—W. F. Milk R.—Blaine	2	1,150	28.8	....	......	......
Thiel Cr.—E. Red Lodge Cr.—Carbon	9	2,560	64.0	....	......	......
E. F. Thiel Cr.—Thiel Cr.—Carbon	1	200	5.0	....	......	......
Thigo Gulch—Elk Cr.—Granite		See Keno Gulch.				
Third Cr.—Powder R.—Custer	1	500	12.5	....	......	......
Third Cr.—Pumpkin Cr.—Custer	1	700	17.5	....	......	......
Third Cr.—Willow Cr.—Custer	3	300	7.5	2	135	3.4
E. F. Third Cr.—Third Cr.—Ravalli	1	50	1.2	....	......	......
Third Cr.—Larb Cr.—Valley	4	1,400	35.0	....	......	......
Third Hay Cr.—Hay Cr.—Richland	1	500	12.5	....	......	......
Thirteen Mile Cr.—Yellowstone R.—Dawson	4	2,000	50.0	....	......	......
Thirty Mile Cr.—Milk R.—Blaine		See Parallel Creek.				
Thomas Coulee—Box Elder Cr.—Blaine	1	160	4.0	....	......	......
Thomas Coulee—Red R.—Toole	1	400	10.0	....	......	......
Thomas Coulee—Beaver Cr.—Valley	1	600	15.0	....	......	......
Thomas Gulch—Benton Cr.—Meagher	4	375	9.4	....	......	......
Thomlinson Coulee—Suction Cr.—Blaine	1	200	5.0	....	......	......
Thompson Canyon—Yellowstone R.—S'water	1	40	1.0	....	......	......
Thompson's Coulee—Clear Cr.—Blaine	2	400	10.0	....	......	......
Thompson Coulee—Pondera Coulee—Teton	1	100	2.5	....	......	......
Thompson Cr.—S. F. Big Hole R.—Be'verhead	1	600	15.0	....	......	......
Thompson Cr.—Big Hole R.—Beaverhead	33	8,520	213.0	....	......	......
N. F. Thompson Cr.—Thompson Cr.—B'head	2	640	16.0	....	......	......
Thompson Cr.—Rosebud R.—Big Horn	1	500	12.5	....	......	......
Thompson Cr.—Powder R.—Custer	2	1,100	27.5	....	......	......
E. Thompson Cr.—Thompson Cr.—Custer	1	200	5.0	....	......	......
Thompson Cr.—Spring Cr.—Custer, Fallon	1	200	5.0	....	......	......
Thompson Cr.—Dugan Cr.—Fallon	1	200	5.0	....	......	......
Thompson Cr.—L. Missouri R.—Fallon	10	9,750§	243.8	....	......	......

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed **creeks** and coulees tributary **are included.**

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Thompson Cr.—E. Gallatin R.—Gallatin....	2	36	0.9	....	......	......
Thompson Cr.—S. F. Musselshell R.—M'gher	3	420	10.5	....	......	......
Thompson Cr.—Smith R.—Meagher	5	1,732	433.0	....	......	......
Thompson Cr.—Missoula R.—Mineral	8	2,667	66.7	....	......	......
Thompson Gulch—Smith R.—Meagher......		See Thompson Creek.				
*Thompson R.—Clark F. Columbia R.—Sanders	9	68,705	1,717.6	1	1,750	43.8
Thong Cr.—Ross Fork—Fergus	1	200	5.0	....	......	......
Thorns Coulee—Blackleaf Cr.—Teton	1	300	7.5	....	......	......
Thorn Cr.—Ross Fork—Fergus	3	500	12.5	....	......	......
Thorn Cr.—Groves Cr.—Sanders		See S. F. Groves Cr.				
Thornton Cr.—Race Track Cr.—Powell.....	3	1,600	40.0	....	......	......
M. F. Thornton Cr.—Thornton Cr.—Powell..	1	560	14.0	....	......	......
Thornton Lake—Race Track Cr.—Granite..	2	all	......	....	......	......
Three Bar Cr.—Powder R.—Custer	6	5,820	145.5	....	......	......
Three Butte Coulee—Cherry Cr.—Richland..	1	400	10.0	....	......	......
Three Butte Coulee—Missouri R.—Richland	2	500	12.5	....	......	......
Three Chimney Coulee—Frenchman Cr.—Valley	1	600	15.0	....	......	......
Three Forks Cr.—L. Missouri R.—Fallon....	1	1,000	25.0	....	......	......
Three Forks Coulee—Shot Gun Cr.—Sheridan	1	400	10.0	....	......	......
Three Mile Canyon—Musselshell R.—Meagher	1	200	5.0	....	......	......
*Three Mile Coulee—Milk R.—Blaine	5	2,300	57.5	....	......	......
Three Mile Cr.—Duck Cr.—Broadwater.....	1	all	......	....	......	......
Three Mile Cr.—Otter Cr.—Custer	2	5,000	125.0	....	......	......
Three Mile Cr.—Silver Cr.—Lewis & Clark..	7	425	10.6	....	......	......
L. F. Three Mile Cr.—Three Mile Cr.—L. & C.		See Three Mile Creek.				
Three Mile Cr.—Callahan Cr.—Lincoln......	1	9,600	240.0	....	......	......
Three Mile Cr.—Alder Cr.—Madison	1	160	4.0	....	......	......
Three Mile Cr.—L. Blackfoot R.—Powell....	23	6,415§	160.4	45	3,037	75.9
Three Mile Cr.—Bitterroot R.—Ravalli......	27	†9,180§	229.5	3	439	11.0
Three Set Cr.—Shane Cr.—Stillwater........	1	200	5.0	....	......	......
Three Wolf Cr.—Pryor Cr.—Yellowstone....	2	640	16.0	....	......	......
Thunder Bolt Cr.—L. Blackfoot R.—Powell	1	350	8.8	....	......	......
Tibbits Cr.—Powder R.—Custer	1	300	7.5	....	......	......
Tiber Coulee—Cottonwood Cr.—Hill	6	18,320	458.0	....	......	......
Tiber Gesche Coulee—Cottonwood Cr.—Hill	1	400	10.0	....	......	......
Tie Cr.—N. F. Big Hole R.—Beaverhead....	2	1,320	33.0	....	......	......
Tie Cr.—Red Rock R.—Beaverhead.........	1	200	5.0	....	......	......
Tie Cr.—L. Missouri R.—Fallon	11	20,360§	509.0	....	......	......
N. F. Tie Cr.—Tie Cr.—Fallon	2	2,000	50.0	....	......	......
Tie Cr. ....Park	1	160	4.0	....	......	......
Tie Cr.—Missoula R.—Missoula	1	300	7.5	....	......	......
Tiger Butte Cr.—Belt R.—Cascade	1	500	12.5	....	......	......
N. F. Tiger Cr.—Tiger Cr.—Jefferson.......	1	1,800	45.0	....	......	......
S. F. Tiger Cr.—Tiger Cr.—Jefferson	1	2,000	50.0	....	......	......
Tiger Cr.—L. Blackfoot R.—Powell		See Tiger Gulch.				
Tiger Eye—Emigrant Cr.—Park	1	100	2.5	....	......	......
Tiger Gulch—L. Blackfoot R.—Powell......	6	155	3.9	....	......	......
Tiger Ridge Coulee—Clear Cr.—Blaine......	1	200	5.0	....	......	......
Tiger Ridge Lake—Clear Cr.—Blaine	1	400	10.0	....	......	......
Tiger Tom Cr.—Powder R.—Custer	1	500	12.5	....	......	......
Tigress Cr.—Boulder R.—Granite	2	1,100	27.5	....	......	......
Tillinghast Cr.—Belt R.—Cascade	7	3,730	93.2	....	......	......
W. Tillinghast Cr.—Tillinghast Cr.—Cascade	1	500	12.5	....	......	......
Tillotson Cr.—Kootenai R.—Lincoln	1	†	......	....	......	......
Tilton Spring Cr.—Pumpkin Cr.—Custer.....	1	1,160	29.0	....	......	......
Timber Coulee—Teton R.—Chouteau	4	900	22.5	....	......	......
E. F. Timber Coulee—Timber Coulee—C'teau	1	200	5.0	....	......	......
E Br. E. F. Timber Coulee—Timber Coulee Chouteau	3	680	17.0	....	......	......
M. F. Timber Coulee—Timber Coulee—C'teau	1	200	5.0	....	......	......
Timber Coulee—Pondera Coulee—Chouteau..	2	1,200	30.0	....	......	......
S. F. Timber Coulee—Timber Coulee—C'teau	1	400	10.0	....	......	......
Timber Coulee—Hardscrabble Cr.—Richland	1	5,184	129.6	....	......	......
Timber Coulee—Shot Gun Cr.—Sheridan....	3	1,600	40.0	....	......	......
Timber Coulee—Milk R.—Toole	1	160	4.0	....	......	......
Timber Coulee—Willow Cr.—Toole	4	590	14.8	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
N. F. Timber Coulee—Timber Coulee—Toole	1	4,000	100.0	....	......	......
Timber Coulee Cr.—B. Muddy Cr.—Sheridan	1	240	6.0	....	......	......
Timber Cr.—Grasshopper Cr.—Beaverhead..	1	140	3.5	2	560	14.0
Timber Cr.—Peoples Cr.—Blaine	7	780	19.5	....	......	......
Timber Cr.—Cottonwood Cr.—Chouteau.....	5	1,300	32.5	....	......	......
E. F. Timber Cr.—Timber Coulee—Chouteau		See E. F. Timber Coulee.				
M. F. Timber Cr.—Timber Coulee—Chouteau		See M. F. Timber Coulee.				
Timber Cr.—Powder R. (T. 8 S.)—Custer...	1	300	7.5	....	......	......
Timber Cr.—Powder R. (T. 1 S.)—Custer....	2	1,000	25.0	....	......	......
Timber Cr.—Big Dry Cr.—Dawson	9	423,400	10,585.0	....	......	......
Timber Cr.—Spring Cr.—Fallon	2	900	22.5	....	......	......
Timber Cr. ....Granite	5	1,300	32.5	....	......	......
Timber Cr. ....Madison	1	†	......	....	......	......
Timber Cr.—Elk Cr.—Meagher	27	7,186	179.6	....	......	......
E. F. Timber Cr.—Timber Cr.—Meagher....		See Timber Creek.				
Timber Cr.—St. Regis R.—Mineral..........	2	588	14.7	....	......	......
E. F. Timber Cr. ....Mineral	1	†	......	....	......	......
W. F. Timber Cr. ....Mineral	1	500	12.5	....	......	......
Timber Cr.—Flathead R.—Park	2	320	8.0	1	130	3.2
Timber Cr.—E. Charley Cr.—Richland......	1	5,184	129.6	....	......	......
Timber Cr.—B. Muddy Cr.—Sheridan	1	1,000	25.0	....	......	......
Timber Cr.—E. Br. Cherry Cr.—Valley......	1	160	4.0	....	......	......
Timber Gulch—Lost Cr.—Deer Lodge......	5	†300	7.5	....	......	......
Timber Gulch—High Ore Gulch—Jefferson..	4	400	10.0	....	......	......
Timber Gulch—Missouri R.—Lewis & Clark	1	600	15.0	....	......	......
Timber Gulch—Checkerboard Cr.—Meagher..	1	60	1.5	....	......	......
Timber Gulch Cr.—Divide Cr.—Silver Bow..	1	50	1.2	....	......	......
Timber Ridge Gulch—Sand Cr.—Carbon.....	1	320	8.0	....	......	......
Timbered Butte Coulee—Blacktail Cr.—Silver Bow	2	† all	......	....	......	......
Timmons Cr.—Hayes Cr.—Ravalli	1	3,200	80.0	....	......	......
Timothy Cr.—Big Cr.—Deer Lodge	1	200	5.0	....	......	......
Timothy Lake—Rattlesnake Cr.—Missoula..	1	1,296	32.4	....	......	......
Timothy Ranch Cr.—Big Cr.—Deer Lodge.:.		See Timothy Creek.				
Tin Can Cr. ....Missoula	1	200	5.0	....	......	......
Tin Cup Cr.—Bitterroot R.—Ravalli	11	232,620	5,815.5	....	......	......
N. F. Tin Cup Cr.—Tin Cup Cr.—Ravalli....	1	300	7.5	....	......	......
S. F. Tin Cup Cr.—Tin Cup Cr.—Ravalli....	2	660	16.5	....	......	......
Tin Cup Joe Cr.—Deer Lodge R.—Powell....	20	†16,940§	423.5	12	2,235	55.9
Tin Horn Coulee—Suction Cr.—Blaine.......	2	400	10.0	....	......	......
Tippecanoe Cr. ....Madison	1	10	0.2	....	......	......
Tiret Cr.—L. Powder R.—Custer	1	100	2.5	....	......	......
Tischer Coulee—Milk R.—Blaine	1	200	5.0	....	......	......
Tixan Cr.—Brazil Cr.—Valley	1	200	5.0	....	......	......
T. L. Coulee—Teton R.—Teton	4	1,400	35.0	....	......	......
Tobacco R.—Kootenai R.—Lincoln	10	430,924§	10,773.1	....	......	......
Tobin Cr.—Shields R.—Park	6	2,770	69.2	6	425	10.6
Toby Gulch ....Granite	1	50	1.2	....	......	......
Toe Head Cr. ....Lewis & Clark		See Towhead Creek.				
Tolan Cr.—Cottonwood Cr.—Chouteau......	1	80	2.0	....	......	......
Tolan Cr.—E. F. Bitterroot R.—Ravalli....	3	1,360	34.0	....	......	......
Tolle Cr.—Cedar Cr.—Stillwater	3	680	17.0	....	......	......
Tolman Cr.—Burger Cr.—Madison	7	470	11.8	....	......	......
Tomahawk Cr. ....Chouteau	1	100	2.5	....	......	......
Tom Benton Gulch.................Madison	2	10	0.2	....	......	......
Tom's Coulee—Blackleaf Cr.—Teton	1	200	5.0	....	......	......
Tom Cr.—Red Rock R.—Beaverhead	5	1,340	33.5	....	......	......
Tom Cr.—Hay Cr.—Custer	1	1,000	25.0	....	......	......
Tom Davidson Coulee—Milk R.—Blaine.....		See Davidson Coulee				
Tom Harry Gulch ....Jefferson	1	500	12.5	....	......	......
Tom Lee's Coulee—Little Otter Cr.—Cascade	1	100	2.5	....	......	......
Tomlin Cr.—Madison R.—Madison	2	370	9.2	....	......	......
Tom Loyd Cr. ....Deer Lodge	1	500	12.5	....	......	......
Tommie Cr.—Missoula R.—Missoula........	2	150	3.8	....	......	......
Tom Miner Cr.—Yellowstone R.—Park......	8	†2,630§	65.8	....	......	......
M. F. Tom Miner Cr.—Tom Miner Cr.—Park	1	150	3.8	....	......	......
S. F. Tom Miner Cr.—Tom Miner Cr.—Park..	3	350	8.8	....	......	......
Tommy Cr.—Alkali Cr.—Carbon	1	160	4.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Tommy Allen Coulee—Sage Cr.—Hill	1	500	12.5	....	......	......
Tompher Cr.—W. Gallatin R.—Gallatin	1	35	0.9	1	72	1.8
Tomphry Cr.—W. Gallatin R.—Gallatin		See Tompher Creek.				
Tompkins Cr.—Powder R.—Custer	1	300	7.5	....	......	......
Tom Smith Cr.—Powder R.—Custer	1	400	10.0	....	......	......
Tomson Cr.—Missoula R.—Missoula		See Thompson Creek.				
*Tongue R.—Yellowstone R.—Big Horn, Custer, Rosebud	64	156,374§	3,909.4	....	......	......
Tony Cr.—Missouri R.—Broadwater	1	25	0.6	....	......	......
Tony Cr.—Fish Cr.—Sweetgrass	2	300	7.5	....	......	......
Tony's Cr.—Clark F. Columbia R.—Sanders	1	100	2.5	....	......	......
Toomey Cr.—Big Hole R.—Beaverhead	1	80	2.0	....	......	......
Toongs Cr.—Sixteen Mile Cr.—Meagher	1	100	2.5	....	......	......
Toosie Cr.—Sage Cr.—Hill						
Tootsie Cr.—Sage Cr.—Hill		See Little Sage Creek.				
Tootsy Cr.—Sage Cr.—Hill						
Torino Cr.—Dry Cr.—Mineral	1	3,000	75.0§	....	......	......
Tory Lake ... Beaverhead		See Birch Creek.				
Tossie Cr.—Sage Cr.—Hill		See Little Sage Creek.				
Tounger Coulee—Willow Cr.—Musselshell	1	160	4.0	....	......	......
Towhead Cr.—Missouri R.—Lewis & Clark	12	†3,800§	95.0	....	......	......
Towhead Gulch—Missouri R.—Lewis & C.		See Towhead Creek.				
Town Cr.—Boulder R.—Jefferson	2	400	10.0	....	......	......
Town Cr.—Nine Mile Cr.—Missoula	1	all	......	....	......	......
Town Cr.—Nevada Cr.—Powell	2	400	10.0	....	......	......
Town Gulch—Cedar Cr.—Mineral	2	†500	12.5	....	......	......
Township Coulee—Willow Cr.—Toole	1	400	10.0	....	......	......
Towsley Gulch—Lost Horse Cr.—Lewis & C.	2	250	6.2	....	......	......
Traffer Cr.—Madison R.—Gallatin	3	600	15.0	....	......	......
Trail Coulee—Musselshell R.—Musselshell	1	200	5.0	....	......	......
W. Trail Coulee—Trail Coulee—Musselshell	1	200	5.0	....	......	......
Trail Coulee—Pondera Coulee—Teton	2	2,000	50.0	....	......	......
Trail Coulee—Teton R.—Teton	2	2,160	54.0	....	......	......
Trail Cr.—N. F. Big Hole R.—Beaverhead	13	29,160	729.0	....	......	......
Trail Cr.—Horse Prairie Cr.—Beaverhead	8	2,900	72.5	15	871	21.8
N. Br. Trail Cr.—Trail Cr.—Beaverhead	1	500	12.5	....	......	......
Trail Cr.—Hanging Woman Cr.—Big Horn	4	1,540	38.5	....	......	......
Red Butte Br. Trail Cr.—Trail Cr.—Big Horn	1	300	7.5	....	......	......
Trail Cr.—Rock Cr.—Carbon	2	300	7.5	....	......	......
Trail Cr.—Big Horn R.—Carbon	1	350	8.8	....	......	......
N. F. Trail Cr.—Trail Cr.—Carbon	1	160	4.0	....	......	......
Trail Cr.—Tongue R.—Custer	2	5,800	145.0	....	......	......
Trail Cr. ... Custer	3	1,225	30.6	....	......	......
Trail Cr.—Powder R. (T. 5 N.)—Custer	1	1,000	25.0	....	......	......
Trail Cr.—Powder R. (T. 9 S.)—Custer	1	500	12.5	....	......	......
Trail Cr.—Warm Spring Cr.—Deer Lodge	1	500	12.5	....	......	......
Trail Cr.—Box Elder Cr.—Fallon	3	2,250	56.2	....	......	......
Trail Cr.—Little Beaver Cr.—Fallon	3	1,900	47.5	....	......	......
S. F. Trail Cr.—Trail Cr.—Fallon	1	200	5.0	....	......	......
Trail Cr.—B. Blackfoot R.—Lewis & Clark	1	150	3.8	....	......	......
Trail Cr.—Madison R.—Madison	3	†100	2.5	....	......	......
Trail Cr.—Madison R.—Madison	3	240	6.0	....	......	......
Trail Cr.—Madison R.—Madison	5	1,050	26.2	....	......	......
Trail Cr.—N. F. Musselshell R.—Meagher	7	1,780	44.5	....	......	......
E. F. Trail Cr.—Trail Cr.—Meagher	2	420	10.5	....	......	......
Trail Cr.—Newlan Cr.—Meagher	1	100	2.5	....	......	......
Trail Cr.—Hell Gate R.—Missoula	2	200	5.0	....	......	......
W. F. Trail Cr.—Trail Cr.—Missoula	1	20	0.5	....	......	......
Trail Cr.—Yellowstone R. (T. 4 S.)—Park	30	†9,080§	227.0	15	1,727	43.
Trail Cr.—Yellowstone R. (T. 9 S.)—Park	1	500	12.5	....	......	......
Trail Cr.—Clearwater R.—Powell	3	4,000	100.0	....	......	......
Trail Cr.—Sun R.—Teton	2	1,200	30.0	....	......	......
Trail Cr.—Willow Cr.—Toole	29	4,050§	101.2	....	......	......
Trail Gulch—E. F. Rock Cr.—Granite	2	10,040	251.0	....	......	......
Trail & Freeman Cr.—Horse Prairie Cr.—Beaverhead	1	200	5.0	....	......	......
Tramway Gulch—Silver Bow Cr.—Silver B.	1	45§	1.1	....	......	......
Trapper Cr.—Big Hole R.—Beaverhead	17	†7,210	180.2	30	1,865	46.

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Trapper Cr.—W. F. Bitterroot R.—Ravalli...	2	240	6.0	....	......	......
Traveler Home Cr.—Trout Cr.—Granite....	2.	700	17.5	....	......	......
Travis Cr.—Lump Gulch—Jefferson	6	5,330	133.2	....	......	......
Traynor Coulee—Arrow Cr.—Yellowstone...	2	220	5.5	....	......	......
Tree Coulee—O'Fallon Cr.—Custer	1	400	10.0	....	......	......
Tree Coulee—Crow Cr.—Dawson	1	600	15.0	....	......	......
Tree Cr.—Yellowstone R.—Custer	1	6,000	150.0	....	......	......
Tree Claim Cr.—Sims Cr.—Lewis & Clark....	1	200	5.0	....	......	......
Trenery Cr.—Cameron Cr.—Ravalli	1	200	5.0	....	......	......
Tressler Coulee ....Chouteau	1	all	......	....	......	......
Trinity Gulch—L. Prickly Pear Cr.—L. & C.	6	580	14.5	....	......	......
Trinity Spring Cr.—Smith Cr.—Meagher....	1	750	18.8	....	......	......
Trinler Cr.—Stillwater R.—Stillwater	1	100	2.5	....	......	......
Triple Lakes—Sheep Cr.—Teton	1	400	10.0	....	......	......
Trombo Cr.—Haymarket Cr.—Meagher......	3	a	......	....	......	......
Troublesome Cr.—Red Rock—Beaverhead...	4	490	12.2	....	......	......
Trout Cr.—Frenchman Cr.—Beaverhead.....	1	300	7.5	....	......	......
Trout Cr.—Peoples Cr.—Blaine	3	600	15.0	....	......	......
Trout Cr.—Smith R.—Cascade, Meagher.....	19	2,639§	66.0	....	......	......
N. F. Trout Cr.—Trout Cr.—Cascade	1	100	2.5	....	......	......
Trout Cr.—Sullivan Cr.—Cascade	3	2,380	59.5	....	......	......
E. Br. Trout Cr.—Trout Cr.—Cascade	1	600	15.0	....	......	......
Trout Cr.—Ross Cr.—Fergus	29	†7,625§	190.6	....	......	......
E. F. Trout Cr.—Trout Cr.—Fergus	1	400	10.0	....	......	......
S F. Trout Cr.—Trout Cr.—Fergus	1	320	8.0	....	......	......
Trout Cr.—W. Gallatin—Gallatin	1	4,800	120.0	....	......	......
Trout Cr.—Godfrey Cr.—Gallatin	1	500	12.5	....	......	......
Trout Cr.—B. Blackfoot R.—Granite	1	30	0.8	....	......	......
Trout Cr.—Flint Cr.—Granite	10	†2,065§	51.6	3	362	9.0
Trout Cr.—Missouri R.—Meagher	32	†43,970§	1,099.2	....	......	......
Trout Cr.—Virginia Cr.—Lewis & Clark....	2	†1,260	31.5	....	......	......
N. F. Trout Cr.—Trout Cr.—Lewis & Clark..	2	†600	15.0	....	......	......
Trout Cr.—Spring Cr.—Madison R..........	6	1,150	28.8	....	......	......
Trout Cr.—N. F. Smith R.—Meagher	1	100	2.5	....	......	......
Trout Cr.—Missoula R.—Mineral	19	107,550§	2,688.8	....	......	......
N. F. Trout Cr.—Trout Cr.—Mineral	2	2,500	62.5	....	......	......
Rt. Hand F. Trout Cr.—Trout Cr.—Mineral..	2	1,700	42.5	....	......	......
W. F. Trout Cr.—Trout Cr.—Mineral........	1	all	......	....	......	......
Trout Cr.—Potter Cr.—Park	1	150	3.8	....	......	......
Trout Cr.—B. Blackfoot R.—Powell		See N. F. Big Blackfoot River.				
Trout Cr.—L. Blackfoot R. (N. Side)—Powell	13	†1,685§	42.1	....	......	......
Trout Cr.—L. Blackfoot R. (S. Side)—Powell	5	†1,020§	25.5	....	......	......
N. F. Trout Cr.—Trout Cr.—Powell		See Trout Creek.				
E. F. Trout Cr.—Trout Cr.—Powell		See Trout Creek.				
Trout Cr.—Clark F. Columbia R.—Sanders..	11	82,165	2,054.1	....	......	......
Rt. F. Trout Cr. ....Sanders		See Trout Creek.				
Trout Cr.—Stillwater R.—Stillwater, Sweetgrass	5	1,310	32.8	....	......	......
Trout Cr.—Sweetgrass Cr.—Sweetgrass	1	200	5.0	....	......	......
Trout Lake—Clarks Cr.—Cascade	1	40	1.0	....	......	......
Troutman Cr. ....Park	1	1,000	25.0	....	......	......
Truax Cr.—Milk R.—Valley	3	2,200	55.0	....	......	......
S. F. Truax Cr.—Truax Cr.—Valley	5	200	5.0	....	......	......
Truchots Slough—Teton R.—Teton	1	300	7.5	....	......	......
Trueman Cr.—Ashley Cr.—Flathead	2	640	16.0	....	......	......
S. F. Trueman Cr.—Trueman Cr.—Flathead	1	25	0.6	....	......	......
Trumbull Coulee—Marias R.—Hill		See Willis, Hurl & Trumbull Coulee.				
Try Again Cr.—Ten Mile Cr.—Lewis & Clark	1	†	......	....	......	......
Tub Lake—Birch Cr.—Beaverhead		See Birch Creek.				
Tuck Cr.—Rosebud R.—Rosebud	1	1,000	25.0	....	......	......
Tucker Cr.—Divide Cr.—Silver Bow.........	2	500	12.5	....	......	......
Tucker Gulch—Dry Gulch—Lewis & Clark..	8	†40§	1.0	....	......	......
Tuke Swamps—Wisconsin Cr.—Madison.....	1	1,000	25.0	....	......	......
Tullock Cr.—Big Horn R.—Big Horn, R'bud	6	3,400	85.0	....	......	......
Tullock's Fork—Big Horn R.—Rosebud......		See Tullock Creek.				
Tumble Cr. ....Ravalli	1	100	2.5	....	......	......
Tunnell Cr.—Middle Cr.—Gallatin	1	100	2.5	....	......	......

a—100,000,000 cubic feet annually from each of the East, West and Middle forks.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Tunnell Cr.—Hell Gate R.—Granite	..	....	......	1	all	......
Tunnell Gulch—Moose Cr.—Deer Lodge	1	50	1.2	....	......	......
Turah Cr.—Hell Gate R.—Missoula	2	175	4.4	....	......	......
Turin Cr.—Dry Cr.—Mineral	1	1,600	40.0	....	......	......
Turkey Pan Cr.—Yellowstone R.—Park?	1	all	......	....	......	......
Turmell Coulee—Milk R.—Valley	1	400	10.0	....	......	......
Turners Cr.—Belt Cr.—Cascade	1	200	5.0	....	......	......
S. F. Turner's Cr.—Turner's Cr.—Cascade	1	200	5.0	....	......	......
Turpin Gulch .... Jefferson	1	500	12.5	....	......	......
Turtle Cr.—Flathead Lake—Flathead	1	1,200	30.0	....	......	......
Turtle Cr.—Crazy Horse Cr.—Sheridan	1	5,184	129.6	....	......	......
Tussler Cr.—Redwater Cr.—Dawson	2	5,250	131.2	....	......	......
Tutt Cr.—Yellowstone R.—Carbon	2	180	4.5	....	......	......
Tweedy Coulee—Dry Lake—Toole	2	800	20.0	....	......	......
Twelve Mile Coulee—Lonesome Lake—Chouteau	5	4,480	112.0	....	......	......
W. Br. Twelve Mile Coulee—Twelve Mile Coulee—Chouteau	1	240	6.0	....	......	......
Twelve Mile Coulee—Missouri R.—Chouteau	1	all	......	....	......	......
Twelve Mile Coulee—Cottonwood Cr.—Hill	6	2,160	54.0	....	......	......
Twelve Mile Coulee—Willow Cr.—Toole	1	1,000	25.0	....	......	......
Twelve Mile Coulee—E. F. Willow Cr.—Toole	1	200	5.0	....	......	......
Twelve Mile Cr.—Big Cr.—Deer Lodge	4	1,800	45.0	....	......	......
Twelve Mile Cr.—L. Missouri R.—Fallon	11	4,950	123.8	....	......	......
Twelve Mile Cr.—St. Regis R.—Mineral	2	900	22.5	....	......	......
Twelve Mile Cr.—Sweeney Cr.—Rosebud	1	220	5.5	....	......	......
Twelve Mile Cr.—Yellowstone R.—Y'wstone	3	6,000§	150.0	....	......	......
Twelve Mile Lake—Lost Horse Cr.—Ravalli	1	240	6.0	....	......	......
Twenty Eight Mile Coulee—Teton R.—C'teau	2	1,200	30.0	....	......	......
Twenty Mile Cr.—Commanche Cr.—Y'wstone	2	400	10.0	....	......	......
Twenty Two Cr.—Box Elder Cr.—Fallon	2	800	20.0	....	......	......
Twenty Nine Cr.—Clark F. Columbia R.—Sanders	1	100	2.5	....	......	......
Twin Coulee—Sims Cr.—Cascade	1	300	7.5	....	......	......
Twin Coulees—Missouri R.—Chouteau	1	160	4.0	....	......	......
Twin Coulees—Currant Cr.—Musselshell	1	160	4.0	....	......	......
W. F. Twin Coulee—Twin Coulee—M'shell	1	320	8.0	....	......	......
Twin Coulee—Willow Cr.—Fergus	1	400	10.0	....	......	......
Twin Coulee—Missouri R.—Sheridan	1	5,184	129.6	....	......	......
Twin Coulee—Pondera Coulee—Teton	1	400	10.0	....	......	......
Twin Coulee—Marias R.—Toole	1	400	10.0	....	......	......
Twin Cr.—Grasshopper Cr.—Beaverhead	2	300	7.5	1	50	1.2
Twin Cr.—Pass Cr.—Big Horn	1	200	5.0	....	......	......
Twin Cr.—W. Gallatin R.—Gallatin	1	200	5.0	....	......	......
Twin Cr.—Lake Cr.—Lincoln		See Stage Barn Creek.				
Twin Cr.—St. Regis R.—Mineral	2	320	8.0	....	......	......
E. Twin Cr.—Twin Cr.—Mineral	11	4,400	110.0	....	......	......
Twin Cr.—B. Blackfoot R.—Missoula	13	6,260	156.5	....	......	......
Twin Cr.—Moose Cr.—Silver Bow	1	500	12.5	....	......	......
Twin Draw—Corral Cr.—Fallon	1	2,000	50.0	....	......	......
Twin Gulch—Chippewa Cr.—Fergus	2	70	1.8	....	......	......
E. Twin Lake—Lake Cr.—Beaverhead		See Lake Creek.				
Upper Twin Lake—Warm Spr. Cr.—D. Lodge		See Twin Lakes Creek.				
Lower Twin Lake—Warm Spr. Cr.—D. Lodge		See Twin Lakes Creek.				
Twin Lakes—Tobacco R.—Lincoln	1	all	......	....	......	......
Twin Lakes—Wisconsin Cr.—Madison	2	6,000	150.0	....	......	......
E. Twin Lake—Rattlesnake Cr.—Missoula	1	150	3.7	....	......	......
W. Twin Lake—Rattlesnake Cr.—Missoula	1	150	3.7	....	......	......
Twin Lakes—M. F. Lost Horse Cr.—Ravalli		See M. F. Lost Horse Creek.				
Upper Twin Lakes—M. F. Lost Horse Cr.—Ravalli		See M. F. Lost Horse Creek.				
Lower Twin Lakes—M. F. Lost Horse Cr.—Ravalli		See M. F. Lost Horse Creek.				
Twin Lakes—Sheep Cr.—Teton	1	600	15.0	....	......	......
Twin Lakes—Sun R.—Teton	2	200	5.0	....	......	......
Twin Lakes—Comanche Cr.—Yellowstone	1	†.......	......	....	......	......
Twin Bridge Coulee .... Lewis & Clark	1	100	2.5	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Twin Butte Cr.—Powder R.—Custer	1	500	12.5	....	......	......
Twin Butte Cr.—Young Cr.—Big Horn	2	200	5.0	....	......	......
Twin Butte Cr.—Fiddler Cr.—Carbon	1	4,000	100.0	....	......	......
Twin Lake Branch—Warm Spr. Cr.—Deer Lodge		See Twin Lakes Creek.				
Twin Lakes Cr.—Warm Spr. Cr.—D. Lodge	31	†85,600§	2,140.0	3	7,000	175.0
E. F. Twin Lakes Cr.—Twin Lake Cr.—Deer Lodge	1	3,000	75.0	....	......	......
Twin Lake Cr.—Comanche Cr.—Yellowstone	2	400	10.0	....	......	......
Twin Lake Fork—Warm Spr. Cr.—D. Lodge		See Twin Lakes Cr.				
Twin Spring Cr.—Sheep Cr.—Meagher	3	332	8.3	....	......	......
Twin Spring Cr.—Red R.—Toole	1	120	3.0	....	......	......
Two Cr.—Smith R.—Meagher	5	990	24.8	....	......	......
Two Gulch—L. Pipestone Cr.—Jefferson	1	150	3.8	....	......	......
S. F. Two Bear Cr.—Two Bear Cr.—Carbon	1	300	7.5	....	......	......
Two Bit Cr.—Basin Cr.—Silver Bow	3	†240	6.0	....	......	......
Two Hearts Cr.—Fish Cr.—Silver Bow		See Mill Creek.				
*Two Medicine Cr.—Birch Cr.—Teton	7	a149,400	3,735.0	....	......	......
Two Mile Coulee—Spring Cr.—Chouteau	2	†250	6.2	....	......	......
Two Mile Coulee—Willow Cr.—Toole	2	460	11.5	....	......	......
Two Mile Cr.—St. Regis R.—Mineral	1	1,000	25.0	....	......	......
Two Prong Coulee ... Valley	1	†	......	....	......	......
Two Spring Cr.—Careless Cr.—Meagher	1	300	7.5	....	......	......
Two Spring Cr.—Armells Cr.—Fergus	1	80	2.0	....	......	......
Two Tree Butte Cr.—Mizpah Cr.—Custer	2	1,400	35.0	....	......	......
Two Tus Cr.—Wolf Cr.—Sheridan	1	800	20.0	....	......	......
Tycoon Cr. ... Jefferson	2	900	22.5	....	......	......
Tyler Cr.—Pilgrim Cr.—Cascade	2	600	15.0	....	......	......
Tyler Cr.—S. F. McDonald Cr.—Fergus	2	700§	17.5	....	......	......
Tyler Cr.—Hell Gate R.—Granite	1	500	12.5	....	......	......
Tyrol Cr.—Fisher R.—Flathead	1	160	4.0	....	......	......
U						
Ulm Coulee—Missouri R.—Cascade	1	1,000	25.0	....	......	......
Umphrey Cr.—Half Breed Cr.—Hill	1	120	3.0	....	......	......
Uncle Ben's Cr.—S. Boulder Cr.—Madison	1	60	1.5	....	......	......
Uncle Geo. Gulch—L. Blackfoot R.—Powell.	4	900	22.5	....	......	......
Uncle Johnny Gulch—White's Gh.—B'dwater	2	† all	......	....	......	......
Uncle Sam Coulee—Pondera Coulee—Teton	1	200	5.0	....	......	......
Underwood Cr.—Spring Cr.—Madison	1	320	8.0	....	......	......
Underwood Gulch—W. Red Lodge Cr—Carbon	1	60	1.5	....	......	......
Unger Coulee—Dry Lake—Toole	1	400	10.0	....	......	......
Unicorn Cr.—Stillwater R.—Park	1	50	1.2	....	......	......
Union Cr.—Big Blackfoot R.—Powell, Missoula	15	†3,245§	81.1	7	525	13.1
S. F. Union Cr.—Union Cr.—Powell-Missoula		See Union Creek.				
University Coulee—Teton R.—Teton	1	400	10.0	....	......	......
Unknown Cr.—Yellowstone R.—Rosebud	1	60§	1.5	....	......	......
Unlucky Cr.—Powder R.—Custer	1	600	15.0	....	......	......
Upham Gulch—Missoula R.—Missoula	1	300	7.5	....	......	......
Up Hill Cr.—Marias—Chouteau	1	200	5.0	....	......	......
Upper Basin Cr.—Bloody Dick Cr.—B'head	6	6,000	150.0	....	......	......
Upper Beaver Cr. ... Jefferson		See Beaver Creek.				
Upper Big Cr.—Bitterroot R.—Ravalli		See Blodgett Creek.				
Upper Branham Lake—Mill Cr.—Madison	1	b	......	....	......	.....
Upper Deer Cr.—Yellowstone R.—Sweetgrass	4	600	15.0	....	......	......
Upper Diamond Coulee—Big Muddy Cr.—Sheridan		See Diamond Coulee Creek.				
Upper Greenland Cr. ... Silver Bow		See Greenland Creek.				
Upper Hot Spring Cr.—Hot Spr. Cr.—Madison	2	250	6.2	....	......	......
Upper Lake—Red R.—Toole	1	†	......	....	......	......
Upper Otter Cr. ... Custer		See Otter Creek.				
Upper Red Rock Lake—Red Rock R.—B'head		See Red Rock River.				
Upper Sand Coulee—Missouri R.—Cascade		See Sand Coulee.				
Upper Rocky Hook Cr. ... Hill		See Rocky Hook Creek.				

a—Add 357,319 acre-feet.
b—150 acre-feet.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Upper 7 Mile—Yellowstone R.—Dawson		See Spring Creek.				
Upper Snow Gulch—Bloody Dick Cr.—B'head	1	320	8.0	....	......	......
Upper Spring Cr.—Big Sheep Cr.—B'head	1	200	5.0	....	......	......
Upper Stillwater Cr. ..... Park		See Stillwater River.				
Upper Twin Lake—Prickly Pear Cr.—Jefferson	3	5,000	125.0	....	......	......
Upper Warm Spr. Cr.—Warm Spr. Cr—Fergus	1	75	1.8	....	......	......
Upside Down Cr.—Boulder R.—Park and Sweetgrass	3	4,700	117.5	....	......	......
Ursula Coulee—Missouri R.—Valley	1	2,000	50.0	....	......	......
Ustache Gulch—9 Mile Cr.—Missoula		See Eustache Gulch.				
Ustash Gulch—Nine Mile Cr.—Missoula		See Eustache Gulch.				
V						
Vail Cr.—Big Dry Cr.—Dawson	1	1,000	25.0	....	......	......
Valentine Coulee—Blood Cr.—Fergus	1	200	5.0	....	......	......
Valentine Cr.—Silver Bow Cr.—Silver Bow	2	720	18.0	....	......	......
Valentine Cr. ..... Valley	2	800	20.0	....	......	......
Valley Cr.—Thompson Cr.—Beaverhead	2	1,920	48.0	....	......	......
*Valley Cr.—Jocko R.—Sanders-Missoula	3	8,200	205.0	....	......	......
M. F. Valley Cr.—Valley Cr.—Sanders	1	500	12.5	....	......	......
Valley Cr.—Yellowstone R.—Stillwater	10	1,650	41.2	....	......	......
Valley Garden Cr.—Madison R.—Madison	1	80	2.0	....	......	......
Van Alstin Reservoir—Sage Cr.—Hill	1	200	5.0	....	......	......
Van Fleet Cr.—Marsh Cr.—Lewis & Clark	1	50	1.2	....	......	......
Van Hansen Cr. ..... Madison	1	500	12.5	....	......	......
Van Horn Cr.—Yellowstone R.—Rosebud		See Muggins Creek.				
Van Meter Cr.—Hanging Woman Cr.—Rosebud	1	300	7.5	....	......	......
Vance Cr.—Bitterroot R.—Ravalli	2	70	1.8	....	......	......
Vance Cr.—Bear Cr.—Rosebud	2	5,660	141.5	....	......	......
W. Vance Cr.—Vance Cr.—Rosebud	1	100	2.5	....	......	......
Vanesse Cr.—Trout Cr.—Mineral	1	500	12.5	....	......	......
Vannest Cr.—Smith R.—Meagher		See Benton Gulch (Cr.).				
Vanette Coulee—Teton R.—Chouteau	1	160	4.0	....	......	......
Vanghn Coulee—Milk R.—Blaine	1	200	5.0	....	......	......
Velocipede Gulch—Granite Cr.—Madison	1	1,000	25.0	....	......	......
Vendee Cr.—Box Elder Cr.—Fallon	1	1,200	30.0	....	......	......
Vendome Gulch—Fish Cr.—Jefferson	1	160	4.0	....	......	......
Vennum Coulee—Milk R.—Blaine	1	400	10.0	....	......	......
Verde Cr.—Missoula R.—Mineral	1	1,644	41.1	....	......	......
Vermillion Cr.—Clark F. Col. R.—Sanders	6	†23,650§	591.2	....	......	......
Vermont Cr.—Benton Cr.—Meagher	2	550	13.8	....	......	......
N. F. Vermont Cr.—Meagher	1	160	4.0	....	......	......
Vermont Gulch ..... Missoula	1	500	12.5	....	......	......
Vermulm Coulee—Pondera Coulee—Teton	1	200	5.0	....	......	......
Verona Coulee—Missouri R.—Chouteau	7	34,040	851.0	....	......	......
Victor Coulee—Snake Cr.—Blaine	1	200	5.0	....	......	......
Vincent Gulch ..... Deer Lodge	1	600	15.0	....	......	......
Vinson Cr.—L. Bitterroot R.—Flathead	2	310	7.8	....	......	......
Vinson Cr.—White Clay Cr.—Flathead	2	†400	10.0	....	......	......
Vipond Cr.—Wise Rr.—Beaverhead	5	720	18.0	....	......	......
Vipond Dist Cr.—Wise R.—Beaverhead		See Vipond Creek.				
Virgin Gulch—Chippewa Cr.—Fergus	7	500	12.5	....	......	......
Virginia Cr.—Bull Hook Cr.—Hill		See Walker & Virginia Creek.				
Virginia Cr.—Canyon Cr.—Lewis & Clark	10	964	24.1	....	......	......
W. Virginia Cr.—Virginia Cr.—Lewis & C.	1	600	15.0	....	......	......
Virginia Cr.—L. Blackfoot R.—Powell	1	100	2.5	....	......	......
Vissigot Coulee—L. Belt Cr.—Cascade	1	500	12.5	....	......	......
W. Br. Vissigot Coulee—Vissigot Coulee—Cascade	1	500	12.5	....	......	......
Vogt Cr.—Ranch Cr.—Granite	1	all	......	....	......	......
Volcano Cr.—W. F. Black Coulee—Blaine	1	320	8.0	....	......	......
Volin Cr.—Tie Cr.—Custer	1	300	7.5	....	......	......
Volk Reservoirs—Teton R.—Chouteau	2	2,000	50.0	....	......	......
Volney Cr.—Red Lodge Cr.—Carbon	3	450	11.2	....	......	......
Vose Gulch ..... Broadwater	1	200	5.0	....	......	......

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†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
W						
Waddle Cr.—Hanging Woman Cr.—Big Horn	9	†7,500§	187.5	....	......	......
N. Prong Waddle Cr.—Waddle Cr.—Big Horn	1	600	15.0	....	......	......
Wades Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Wade Cr.—Jefferson R.—Jefferson	1	all	......	....	......	......
Wagner Coulee—Milk R.—Blaine	1	1,000	25.0	....	......	......
Wagner Coulee—Teton R.—Teton	2	480	12.0	....	......	......
Wagner Cr.—Bitterroot R.—Ravalli	1	80	2.0	....	......	......
Wagner Cr.—Clark F. Columbia R.—Sanders	1	160	4.0	1	160	4.0
Wagner Cr.—N. F. Sun R.—Teton	2	10,100	252.5	....	......	......
Wagon Coulee—Missouri R.—Valley	1	a 500	12.5	....	......	......
Wagon Box Coulee—Big Horn R.—Big Horn	1	400	10.0	....	......	......
Wagon Tree Cr.—Big Muddy Cr.—Sheridan	1	5,184	129.6	....	......	......
Waites Coulee—Half Breed Cr.—Hill	1	40	1.0	....	......	......
Wait Cr.—N. Willow Cr.—Madison	1	†	......	....	......	......
Waite Cr. (Coulee)—Judith R.—Fergus	8	2,125§	53.1	....	......	......
Wakefield Gulch—California Cr.—Madison	1	40	1.0	....	......	......
Walker Coulee—Sand Coulee Cr.—Cascade	3	700	17.5	....	......	......
Walker Cr.—Judith R.—Fergus	1	400	10.0	....	......	......
Walker Cr.—Ford Cr.—Lewis & Clark	1	100	2.5	....	......	......
Walker Cr.—Ten Mile Cr.—Lewis & Clark	15	†2,390§	59.8	....	......	......
N. F. Walker Cr.—Walker Cr.—Lewis & C.	2	†150	3.8	....	......	......
W. F. Walker Cr.—Walker Cr.—Lewis & C.	2	300	7.5	....	......	......
Walker Cr.—Benton Gulch—Meagher	2	185	4.6	....	......	......
Walker & Virginia Cr.—Bull Hook Cr.—Hill	1	400	10.0	....	......	......
Walebar Cr.—Shonkin Cr.—Chouteau	1	144	3.6	....	......	......
Wales Coulee—Sarpy Cr.—Rosebud	1	400	10.0	....	......	......
Wales Cr.—B. Blackfoot R.—Powell	4	3,750	93.8	....	......	......
Wall Coulee Cr.—L. Otter Cr.—Cascade	2	40§	1.0	....	......	......
Wall Coulee—Dry Lake—Toole	4	1,400	35.0	....	......	......
Wall Cr.—Madison R.—Madison	8	2,050	41.2	....	......	......
Wallace Cr.—Hay Cr.—Meagher	1	120	3.0	....	......	......
Wallace Cr.—Lost Gulch Cr.—Mineral	1	500	12.5	....	......	......
Wallace Gulch—Warm Spr. Cr.—Fergus	1	all	......	....	......	......
Walsh Coulee—Marias R.—Toole	1	1,200	30.0	....	......	......
Walsh Cr.—Warm Spr. Cr.—Deer Lodge	1	†	......	....	......	......
Walters Coulee—Milk R.—Blaine	1	120	3.0	....	......	......
Walters Coulee—Swimming Woman Cr.—Meagher	1	100	2.5	....	......	......
Walters Cr.—S. Willow Cr.—Madison	1	800	20.0	....	......	......
Walton Cr.—Cottonwood Cr.—Gallatin	1	200	5.0	....	......	......
Wann's Gulch ...... Madison	1	†	......	....	......	......
War Eagle Gulch—Basin Cr.—Jefferson	2	150	3.8	....	......	......
War House Butte Lake—Buffalo Cr.—Fergus	3	7,000	175.0	....	......	......
Ward's Coulee—Yellowstone R.—Dawson	1	400	10.0	....	......	......
Ward Cr.—B. Blackfoot R.—Powell	10	8,300	207.5	....	......	......
Ward Peak Lake—N. Meadow Cr.—Madison	1	500	12.5	....	......	......
Ware Coulee—Sage Cr.—Hill	1	800	20.0	....	......	......
Waren Cr.—B. Blackfoot R.—Powell		See Warren's Creek.				
Warm Cr. ...... Madison		See Bear Creek.				
Warm Spr. Cr.—Beaverhead R.—Beaverhead	4	1,245	31.1	1	150	3.8
Warm Spr. Cr.—Big Hole R.—Beaverhead	26	8,750§	218.8	....	......	......
Warm Spr. Cr.—Birch Cr.—Beaverhead	2	200	5.0	....	......	......
Warm Spr. Cr.—Missouri R.—Blaine	12	3,440§	86.0	....	......	......
Warm Spr. Cr.—Missouri R.—Broadwater	4	868	21.7	3	†	......
Warm Spr. Cr.—Crow Cr.—Broadwater		See Hot Spring Creek.				
Warm Spr. Cr.—Deer Lodge R.—Deer Lodge	142	†330,694§	8,267.4	56	13,664	341.6
M. F. Warm Spr. Cr.—Warm Spr. Cr.—D. L.		See Warm Spring Creek.				
N. F. Warm Spr. Cr.—Warm Spr. Cr.—D. L.		See Warm Spring Creek.				
S. F. Warm Spr. Cr.—Warm Spr. Cr.—D. L.		See Warm Spring Creek.				
W. F. Warm Spr. Cr.—Warm Spr. Cr.—D. L.		See Warm Spring Creek.				
Lower Warm Spr. Cr.—Warm Spr. Cr.—D. L.		See Warm Spring Creek.				
*Warm Spr. Cr.—Judith R.—Fergus	86	†45,710§	1,142.8	....	......	......
W. F. Warm Spr. Cr.—Warm Spr. Cr.—F'gus	6	2,300	57.5	....	......	......
S. F. Warm Spr. Cr.—Warm Spr. Cr.—F'gus		See Warm Spring Creek.				

a—Add 2,000 Gallons.

†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Warm Spr. Cr.—W. Gallatin R.—Gallatin....	8	6,000	150.0	1	43	1.1
Warm Spr. Cr.—Prickly Pear Cr.—Jefferson		See Hot Spring Creek.				
N. F. Warm Spr. Cr.—Warm Spr. Cr.—J'erson	4	1,340	33.5	....	......	......
M. F. Warm Spr. Cr.—Warm Spr. Cr.—J'erson	2	375	9.4	....	......	......
Warm Spr. Cr.—Madison R.—Madison	1	2,000	50.0	....	......	......
Warm Spr. Cr.—Madison R.—Madison	1	†	......	....	......	......
Warm Spr. Cr.—Jefferson R.—Madison......	1	200	5.0	....	......	......
Warm Spr. Cr.—Wisconsin Cr.—Madison....	1	†	......	....	......	......
Warm Spr. Cr.—Ruby R.—Madison	4	1,100	27.5	....	......	......
Warm Spr. Cr.—S. F. Musselshell R.—M'gher	16	3,898	97.4	....	......	......
Warm Spr. Cr.—Smith R.—Meagher	1	60	1.5	....	......	......
Warm Spr. Cr.—Yellowstone R.—Park......	3	75	1.9	....	......	......
Warm Spr. Cr.—B. Blackfoot R.—Powell....	1	400	10.0	....	......	......
Warm Spring Cr.—Ophir Gulch—Powell....	1	100	2.5	....	......	......
Warm Springs Cr.—L. Bitterroot R.—Sanders	12	80,785§	2,019.6	....	......	......
Dry F. Warm Spr. Cr.—Warm Spr. Cr.—Sanders	2	4,000	100.0	....	......	......
Warm Spring Cr.—Boulder R. (3 S. 12 E.)—Sweetgrass	3	725	18.1	....	......	......
Warm Spring Cr.—Boulder R.—Sweetgrass..		See Deep Creek.				
Waron Cr.—B. Blackfoot R.—Powell		See Warren's Creek.				
Warren Cr.—Mill Cr.—Missoula	1	400	10.0	....	......	......
Warren's Cr.—B. Blackfoot R.—Powell......	19	†4,450§	111.2	18	1,370	34.2
Warren Gulch—B. Blackfoot R.—Lewis & C.	1	20	0.5	....	......	......
Warshaw Cr. ....Missoula	1	400	10.0	....	......	......
Wartman Cr.—Cottonwood Cr.—Gallatin....	1	140	3.5	....	......	......
Warwick Cr.—Clark F. Columbia R.—Sanders	1	150	3.8	....	......	......
Wash Gulch—Antelope Cr.—Madison	4	310	7.8	....	......	......
Washington Bar—N. Meadow Cr.—Madison..	1	4,000	100.0	....	......	......
Washington Cr.—N. Meadow Cr.—Madison..	9	4,650	116.2	....	......	......
Washington Cr.—Nevada Cr.—Powell		See Washington Gulch.				
Washington Gulch—N. Meadow Cr.—Madison		See Washington Creek.				
Washington Gulch—Nevada Cr.—Powell.....	21	†6,475§	161.9	17	1,309	32.7
Washington Lakes—Washington Cr.—M'd'son	1	†	......	....	......	......
Washoe Cr.—Union Cr.—Powell	1	100	2.5	....	......	......
Wasson Cr.—Nevada Cr.—Powell	6	2,020	50.5	1	100	2.5
Waste Coulee—Missouri R.—Sheridan.......	2	360	9.0	....	......	......
Waste Coulee—Teton R.—Teton	1	300	7.5	....	......	......
Waste Slough—Teton R.—Teton	1	300	7.5	....	......	......
Waste Water Coulee—Dupuyer Cr.—Teton..	1	80,000	2,000.0	....	......	......
Water Canon ....Madison	1	5	0.1	....	......	......
Water Gulch—Missoula R.—Missoula		See Slowey's Water Gulch.				
Waterloo Cr. ....Jefferson	1	50	1.2	....	......	......
Water Tank Coulee—Milk R.—Blaine	2	800	20.0	....	......	......
Watkins Cr.—Highwood Cr.—Chouteau......	1	160	4.0	....	......	......
Watkins Cr.—W. Gallatin R.—Gallatin......	1	640	16.0	....	......	......
Watkins Cr.—Jordan Cr.—Madison	1	all	......	....	......	......
Watson Coulee—Milk R.—Hill	1	400	10.0	....	......	......
Watson Coulee—Willow Cr.—Teton		See Fowler Coulee.				
Watson Coulee—Dry Lake—Toole	2	600	15.0	....	......	......
Watson Cr.—Horse Prairie Cr.—Beaverhead	6	1,500	37.5	8	1,080	27.0
Watson Draw—L. Missouri R.—Fallon......	1	1,000	25.0	....	......	......
Watt Cr. ....Custer	1	2,000	50.0	....	......	......
Watter Gulch—Divide Cr.—Silver Bow......	1	300	7.5	....	......	......
Waxon Coulee—Clear Cr.—Blaine	1	320	8.0	....	......	......
Waxon Coulee—Box Elder Cr.—Hill	1	80	2.0	....	......	......
Wayne Cr.—Milk R.—Blaine	21	†32,960§	824.0	....	......	......
W. F. Wayne Cr.—Wayne Cr.—Blaine......	1	400	10.0	....	......	......
Wayne Gulch—L. Blackfoot R.—Powell....	1	100	2.5	....	......	......
Wear Cr.—Dugen Cr.—Fallon	2	900	22.5	....	......	......
Weasel Cr.—Beaver Cr.—Broadwater	8	2,350	58.8	....	......	......
Weasel Cr.—Douglass Cr.—Powell		See Big Weasel Creek.				
Weasel Cr.—White Beaver Cr.—Sweetgrass..	1	150	3.8	....	......	......
Weasel Gulch—Beaver Cr.—Broadwater.....		See Weasel Creek.				
Weatherwax Coulee—Teton R.—Chouteau...	2	380	9.5	....	......	.....
Weatherwax Coulee—M. F. Judith R.—Cascade	1	500	12.5	....	......	......

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†Add to filings amounts not given.

*Measurement of flow shown in either 5th or 6th report.

§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Weazel Cr.—Douglas Cr.—Powell		See Big Weasel Creek.				
Web Hollow .....Madison		See Webb Hollow Creek.				
Webb Coulee—Rocky Coulee—Cascade	1	100	2.5	....	......	......
Webb Cr.—Bird Tail Cr.—Cascade	2	200	5.0	....	......	......
Webb Hollow Cr.—Antelope Cr.—Madison	3	†70	1.8	....	......	......
Weber Cr.—Corral Cr.—Fallon	1	200	5.0	....	......	......
E. F. Weed Cr.—N. F. Musselshell R.—M'gher	2	600	15.0	....	......	......
Weed's Reservoir—Teton R.—Teton	1	100	2.5	....	......	......
Weekville Cr.—Buffalo Bill Cr.—Sanders	3	860	21.5	....	......	......
E. & W. F. Weekville Cr.—Weekville Cr.—Sanders	1	1,000	25.0	....	......	......
Weeping Child Cr.—Bitterroot R.—Ravalli	11	4,390§	109.8	....	......	......
Wegner Cr.—Missouri R.—Lewis & Clark	1	50	1.2	....	......	......
Weiden Cr.—Missouri R.—Richland	1	120	3.0	....	......	......
Weimer Cr.—Prickly Pear Cr.—Jefferson	..	....	......	f 1	100	2.5
Wein Coulee—Dry F. Marias R.—Teton	1	200	5.0	....	......	......
Weisenflue Slough—Bitterroot R.—Ravalli	1	160	4.0	....	......	......
Welch Cr. .....Missoula	1	100	2.5	....	......	......
Welcome Cr.—Rock Cr.—Granite	3	4,000	100.0	....	......	......
Weldon Gulch—Johnson Cr.—Beaverhead	1	400	10.0	....	......	......
Well Coulee—L. Sage Cr.—Hill	1	400	10.0	....	......	......
Wellcome Cr.—Rock Cr.—Granite		See Welcome Creek.				
Wenatche Cr.—Flathead R.—Sanders	2	260	6.5	....	......	......
Wesley Cr. .....Custer	1	500	12.5	....	......	......
West Coulee—Snake Cr.—Blaine		See East Coulee.				
West Coulee—Pondera Coulee—Chouteau	2	700	17.5	....	......	......
West Coulee—Milk R.—Hill	1	200	5.0	....	......	......
West Coulee—Four Mile Cr.—Richland	1	200	5.0	....	......	......
West Coulee—Shot Gun Cr.—Sheridan	1	3,456	86.4	....	......	......
West Coulee—Larb Cr.—Valley	1	1,000	25.0	....	......	......
West Coulee—Milk R.—Valley	1	600	15.0	....	......	......
West Cr.—Red Rock R.—Beaverhead	7	1,770	44.2	....	......	......
*West Cr.—Goss Cr.—Lewis & Clark	1	150	3.8	....	......	......
West Cr.—Yellowstone R.—Park	1	200	5.0	....	......	......
West Cr.—S. F. Bitterroot R.—Ravalli	1	160	4.0	....	......	......
West Branch Cr.—Spring Gulch—Broadwater	1	100	2.5	....	......	......
West Fork Cr. .....Chouteau	2	80	2.0	....	......	......
West's Gulch—Deep Cr.—Broadwater	1	200	5.0	....	......	......
West Fork Cr.—Prickly Pear Cr.—Jefferson	..	....	......	f 1	50	1.2
West Fork—Rock Cr.—Granite		See W. F. Rock Creek.				
West Henderson Cr. .....Park		See Henderson Creek.				
West Mud Cr.—Mud Cr.—Beaverhead		See Mud Creek.				
West Virginia Lake—Red R.—Teton	1	200	5.0	....	......	......
West White Beaver .....Sweetgrass		See White Beaver Creek.				
Western Spring Cr.—Snake Cr.—Blaine	1	200	5.0	....	......	......
Westler Gulch—McKellar Cr.—Ravalli	1	100	2.5	....	......	......
Wet Cr.—Pryor Cr.—Yellowstone	1	50	1.2	....	......	......
Wet Gulch—Rock Cr.—Granite	1	200	5.0	....	......	......
Wetzel Gulch—Antelope Cr.—Madison	2	190	4.8	....	......	......
Whately Coulee—Milk R.—Valley	2	500	12.5	....	......	......
W. H. Baker Cr.—W. F. Bitterroot R.—Ravalli		See Baker W. H.Creek.				
Wheelbarrow Cr.—Three Mile Cr.—Ravalli	1	†	......	1	97	2.4
Wheeler Cr.—Sweetgrass Cr.—Sweetgrass	3	1,100	27.5	....	......	......
N. F. Wheeler Cr.—Wheeler Cr.—Sweetgrass	3	1,260	31.5	....	......	......
Whet Stone Cr.—N. F. Musselshell R.—M'gher	1	150	3.8	....	......	......
Whinery McQuirk Gulch—Bitterroot R.—Ravalli	1	100	2.5	....	......	......
Whip Cracker Gulch—Missouri R.—B'dwater	1	50	1.2	....	......	......
Whipperwill Cr.—Sage Cr.—Beaverhead	1	320	8.0	....	......	......
Whippoorwill Cr.—Sand Cr.—Madison	1	200	5.0	....	......	......
Whippourwill Gulch—Combs Gulch—L. & C.	1	500	12.5	....	......	......
Whiskers Coulee—Birch Cr.—Teton	1	200	5.0	....	......	......
Whiskey Cr.—Minnehaha Gulch—Lewis & C.		See Whiskey Gulch.				
Whiskey Gulch—McDonald Cr.—Fergus	7	1,850	46.2	....	......	......
Whiskey Gulch—Minnehaha Gulch—L. & C.	3	†200	5.0	....	......	......
Whiskey Gulch—Silver Bow Cr.—Silver Bow	4	†100§	2.5	....	......	......
Whistle Cr.—Yellowstone R.—Sweetgrass	1	500	12.5	....	......	......

f—Federal decree.
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Whitcome Cr.—L. Missouri R.—Fallon		See Wickham Creek.				
Whitcraft Gulch—Deer Lodge R.—Deer Lodge	1	all	......	....	......	......
White Cr.—Scudders Cr.—Beaverhead	2	560	14.0	1	25	0.6
White's Cr.—Missouri R.—Broadwater	16	†4,400§	110.0	....	......	......
White Cr.—Pumpkin Cr.—Custer	1	†......	......	....	......	......
White Cr.—Crow Rock Cr.—Dawson	4	2,520	63.0	....	......	......
White Cr.—Seven Mile Cr.—Deer Lodge	1	500	12.5	....	......	......
White Cr.—Big Spring Cr.—Fergus	2	500	12.5	....	......	......
White Cr.—Cedar Cr.—Mineral	1	†......	......	....	......	......
White Gulch—Missouri R.—Broadwater	1	†......	......	....	......	......
White Beaver Cr.—Yellowstone R.—S'water	19	†3,550§	88.8	....	......	......
E. F. White Beaver Cr.—White Beaver Cr.—Stillwater	2	340	8.5	....	......	......
W. White Beaver Cr.—White Beaver Cr.—Stillwater, Sweetgrass	12	2,860	71.5	....	......	......
White Bird Cr.—Stillwater R.—Carbon	7	850	21.2	....	......	......
Whitebred Coulee—Rock Cr.—Valley	3	1,560	39.0	....	......	......
White Cat Cr.—Powder R.—Custer	1	500	12.5	....	......	......
White Clay Cr.—Flathead R.—Flathead	5	†40,640§	1,016.0	....	......	......
White Cloud Cr. ....Ravalli	1	50	1.2	....	......	......
White Earth Cr.—Flathead R.—Flathead		See White Clay Creek.				
*White Fish Cr.—Flathead R.—Flathead	15	†199,900§	4,997.5	....	......	......
Whitehead Slough—Bloody Dick Cr.—B'head	3	148	3.7	....	......	......
White Horse Cr.—Missouri R.—Broadwater	7	1,040	26.0	2	†10	0.2
N. F. White Horse Cr.—White Horse Cr.—Jefferson	1	10	0.2	....	......	......
L. F. White Horse Cr.—White Horse Cr.—Broadwater	1	50	1.2	....	......	......
White Line Cr.—N. F. Big Hole R.—B'head	2	1,000	25.0	....	......	......
White Man Coulee—Dry F. Marias R.—Teton	1	200	5.0	....	......	......
White Man Gulch ....Jefferson	1	100	2.5	....	......	......
White Pine Coulee—Clear Cr.—Blaine	1	400	10.0	....	......	......
White Pine Cr.—Arrow Cr.—Cascade	1	300	7.5	....	......	......
White Pine Cr.—Big Beaver Cr.—Sanders	1	500	12.5	....	......	......
White Pine Cr.—Deer Lodge R.—Silver Bow	8	1,385	34.6	....	......	......
White Pine Gulch—L. Blackfoot R.—Powell	1	50	1.2	....	......	......
White Rock Gulch Cr.—Flint Cr.—Granite	1	50	1.2	....	......	......
White Sulphur Spr. Gulch—Smith R.—M'gher	1	50	1.2	....	......	......
White Swan Lake ....Madison	1	200	5.0	....	......	......
Whitetail Cr.—Yellowstone R.—Custer	10	7,120	178.0	....	......	......
Whitetail Cr.—Box Elder Cr.—Fallon	2	1,000	25.0	....	......	......
*White Tail (Deer) Cr.—Jefferson R.—J'rson	45	†138,310§	3,457.8	48	3,313	82.8
E. F. White Tail (Deer) Cr.—White Tail (Deer) Cr.—Jefferson	2	400	10.0	....	......	......
S. F. Whitetail Cr.—Whitetail Cr.—Jefferson	1	500	12.5	....	......	......
W. F. White Tail Cr.—White Tail Cr.—J'rson	1	500	12.5	....	......	......
Whitetail Cr.—Smith R.—Meagher	8	1,025	25.6	....	......	......
Whitetail Cr.—N. F. Smith R.—Meagher	2	570	14.2	....	......	......
Whitetail Cr.—Spring Cr.—Meagher	6	2,054	51.4	....	......	......
Whitetail Cr.—Musselshell R.—Musselshell	1	500	12.5	....	......	......
Whitetail Cr.—Big Muddy Cr.—Sheridan	7	13,000	325.0	....	......	......
Whitetail Cr.—Yellowstone R.—Sweetgrass	5	410	10.2	....	......	......
Whitetail Cr.—Badger Cr.—Teton	3	130,120	3,253.0	....	......	......
*Whitewater Cr.—Milk R.—Valley	36	27,670§	691.8	....	......	......
E. F. Whitewater Cr.—Whitewater Cr.—Valley	2	1,400	35.0	....	......	......
N. F. Whitewater Cr.—Whitewater Cr.—Valley	5	2,800	70.0	....	......	......
W. F. Whitewater Cr.—Whitewater Cr.—Valley	8	3,300	82.5	....	......	......
Whitmore Cr.—Randolph Cr.—Mineral	1	100	2.5	....	......	......
Whitmore Lake—Miners Coulee—Toole	1	200	5.0	....	......	......
Whitney Cr.—O'Fallon Cr.—Custer	2	1,500	37.5	....	......	......
Whitney Cr.—Madison R.—Madison	1	450	11.2	....	......	......
Whittaker Cr.—Pilgrim Cr.—Cascade	1	200	5.0	....	......	......
Wicks Cr.—Clark F. Columbia R.—Sanders	1	300	7.5	....	......	......
Wickeyup Cr.—Camp Cr.—Silver Bow	4	350	8.8	....	......	......
Wickie Up Cr.—Big Spr. Cr.—Fergus	1	100	2.5	....	......	......

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†Add to filings amounts not given.
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§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
N. E. F. Wickeyup Cr.—Wickeyup Cr.—Silver Bow		See Wickeyup Creek.				
W. F. Wickeyup Cr.—Wickeyup Cr.—S. Bow		See Wickeyup Creek.				
Wickham Cr.—L. Missouri R.—Fallon	3	1,280	32.0	....	......	......
Wickham Cr.—Spring Cr.—Madison	2	†200	5.0	....	......	......
Widmark Coulee—Muddy Cr.—Teton	1	160	4.0	....	......	......
Wigwam Cr.—Madison R.—Madison	32	†8,580§	214.5	....	......	......
Wigwam Gulch ... Madison		See Wigwam Creek.				
Wilbers Coulee—Milk R.—Blaine	1	10	0.2	....	......	......
Wilcox Coulee—Pondera Coulee—Teton	1	200	5.0	....	......	......
Wilcox Coulee—Dry Lake—Toole	1	300	7.5	....	......	......
Wilcox Cr.—Ruby R.—Madison	1	60	1.5	....	......	......
Wilcox Cr.—Duck Cr.—Park	2	400	10.0	1	200	5.0
Wild Aggie Cr. ... Deer Lodge	2	200	5.0	....	......	......
Wild Cat Cr.—Powder R.Custer	1	500	12.5	....	......	......
Wild Cat Cr.—Box Elder Cr.—Fallon	1	1,000	25.0	....	......	......
Wild Cat Cr.—Flatwillow Cr.—Fergus	1	200	5.0	....	......	......
W. F. Wild Cat Cr.—Yellowstone R.—R'bud	1	100	2.5	....	......	......
Wild Cat Cr.—Sweetgrass Cr.—Sweetgrass	3	400	10.0	3	225	5.6
Wild Cat Gulch ... Madison	1	†	......	....	......	......
Wild Cat Slough ... Lewis & Clark	1	50	1.2	....	......	......
Wild Horse Cr.—Big Warm Spr. Cr.—Blaine	16	11,720	293.0	....	......	......
M. F. Wild Horse Cr.—Wild Horse Cr.—Blaine	1	400	10.0	....	......	......
N. F. Wild Horse Cr.—Wild Horse Cr.—Blaine	3	1,200	30.0	....	......	......
S. F. Wild Horse Cr.—Wild Horse Cr.—Blaine	1	320	8.0	....	......	......
Wildman Cr.—Big Muddy Cr.—Sheridan	1	10,368	259.2	....	......	......
Wild Rose Coulee—Milk R.—Hill	1	1,200	30.0	....	......	......
Wild Rose Cr.—Bitterroot R.—Missoula	1	all	......	....	......	......
Wilhoit Coulee—Teton R.—Teton	1	200	5.0	....	......	......
Wilkins Cr.—Clark F. Columbia R.—Sanders	1	400	10.0	....	......	......
Wilkinson Cr.—Upper Basin Cr.—Jefferson	1	200	5.0	....	......	......
Wilkinson & Johnson Coulee—Missouri R.—Valley	1	5,184	129.6	....	......	......
Wilks Cr.—L. Bitterroot R.—Sanders		4	0.1	....	......	......
Will Coulee—Missouri R.—Dawson	1	1,000	25.0	....	......	......
Will Coulee—Cottonwood Cr.—Hill	1	400	10.0	....	......	......
Wills Coulee—Big Muddy Cr.—Sheridan	1	5,184	129.6	....	......	......
W. F. Will Cr.—Shonkin Cr.—Chouteau	1	200	5.0	....	......	......
Willard Spr. Cr.—Merrill Spr. Cr.—M'sselshell	1	120	3.0	....	......	......
Willett Cr.—Lyon's Cr.—Lewis & Clark	1	400	10.0	....	......	......
Willey Cr.—Rosebud R.—Big Horn	1	200	5.0	....	......	......
Williams Coulee—Milk R.—Blaine	1	800	20.0	....	......	......
Williams Coulee—Musselshell R.—Fergus	2	1,000	25.0	....	......	......
William Coulee—Big Muddy Cr.—Sheridan	3	7,584	189.6	....	......	......
Williams Cr.—Junction Cr.—Beaverhead	9	2,920	73.0	....	......	......
Williams Cr.—Big Horn R.—Big Horn	5	2,408§	60.2	....	......	......
N. F. Williams Cr.—Big Horn R.—Big Horn		See Williams Creek.				
Williams Cr.—Big Otter Cr.—Cascade	32	3,422§	85.6	....	......	......
Williams Cr.—Little Otter Cr.—Cascade	1	200	5.0	....	......	......
Williams Cr.—Big Hole R.—Deer Lodge	8	3,760	94.0	....	......	......
Williams Cr.—Rock Cr.—Granite	1	1,000	25.0	....	......	......
Williams Cr.—Ruby R.—Madison		See Williams Gulch.				
Williams Cr.—Bitterroot R.—Missoula	1	†	......	....	......	......
Williams Cr.—Nevada Cr.—Powell	4	†200	5.0	....	......	......
Williams Gulch—Red Rock R.—Beaverhead	2	860	21.5	....	......	......
Williams Gulch—Hell Gate R.—Granite	1	20	0.5	....	......	......
Williams Gulch—Ruby R.—Madison	20	1,780	44.5	....	......	......
Williams Gulch—Smith R.—Meagher	2	400	10.0	....	......	......
Williamson Coulee—Big Sandy Cr.—Chouteau	1	100	2.5	....	......	......
Willis Cr.—Wells F. Rock Cr.—Lewis & C.	1	200	5.0	....	......	......
Willis Cr.—Haymaker Cr.—Meagher	1	a	......	....	......	......
Willis Hurl & Trumbull Coulee—Marias R.—Hill	1	200	5.0	....	......	......
Willman Coulee—Snake Cr.—Blaine	1	400	10.0	....	......	......
Willounby Cr.—Bitterroot R.—Ravalli	1	350	8.8	....	......	......
N. F. Willounby Cr.—Willounby Cr.—Ravalli	1	120	3.0	....	......	......
S. F. Willounby Cr.—Willounby Cr.—Ravalli	1	300	7.5	....	......	......

a—600,000,000 Cubic feet annually
†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
N. F. Willowby Cr. ....Ravalli		See N. F. Willounby Creek.				
S. F. Willoughby Cr. ....Ravalli		See S. F. Willounby Creek.				
Willow Brook—L. Bitterroot R.—Sanders....	1	160	4.0	....	......	......
Willow Coulee—Big Spring Cr.—Fergus....	1	200	5.0	....	......	......
Willow Coulee—Auchard Cr.—Lewis & Clark	1	25	0.6	....	......	......
Willow Coulee—Deep Cr.—Teton		See Willow Creek.				
Willow Coulee—Dry F. Willow Cr.—Toole..	4	2,400	60.0	....	......	......
Willow Coulee—Willow Cr.—Valley	2	600	15.0	....	......	......
Willow Cr.—Big Hole R.—Beaverhead......	36	†19,780	494.5	36	4,530	113.2
M. F. Willow Cr.—Willow Cr.—Beaverhead..	2	24,600	615.0	....	......	......
Willow Cr.—Bloody Dick Cr.—Beaverhead..	1	40	1.0	....	......	......
Willow Cr.—Junction Cr.—Beaverhead......	1	40	1.0	....	......	......
Willow Cr.—Sage Cr.—Beaverhead	1	100	2.5	....	......	......
Willow Cr.—Milk R.—Blaine	1	200	5.0	....	......	......
Willow Cr.—Peoples Cr.—Blaine	4	350	8.8	....	......	......
Willow Cr. (Canyon)—Confederate Gulch—Broadwater	2	350	8.8	....	......	......
Willow Cr.—Grove Cr.—Carbon	3	1,000	25.0	....	......	......
Willow Cr.—Red Lodge Cr.—Carbon	21	3,470§	86.8	....	......	......
N. F. Willow Cr.—Willow Cr.—Carbon	2	600	15.0	....	......	......
Willow Cr.—Belt Cr.—Cascade	8	910	22.8	....	......	......
E. Br. Willow Cr.—Willow Cr.—Cascade....	1	1,000	25.0	....	......	......
M. Willow Cr.—Willow Cr.—Cascade	3	225§	5.6	....	......	......
N. Willow Cr.—Belt Cr.—Cascade	11	990	24.8	....	......	......
N. W. Br. Willow Cr.—Willow Cr.—Cascade	1	100§	2.5	....	......	......
Willow Cr.—Bird Cr.—Cascade	6	†1,700§	42.5	....	......	......
E. F. Willow Cr.—Willow Cr.—Cascade.....	1	600	15.0	....	......	......
Willow Cr.—Byrnes Cr.—Cascade	1	100	2.5	....	......	......
Willow Cr.—Steele Cr.—Chouteau	4	930	23.2	....	......	......
Willow Cr.—Teton R.—Chouteau	1	1,400	35.0	....	......	......
Willow Cr.—Deer Lodge R.—Deer Lodge....	16	7,510§	187.8	....	......	......
Willow Cr.—La Marsh Cr.—Deer Lodge......	1	400	10.0	....	......	......
Willow Cr.—L. Missouri R.—Fallon	9	9,500	237.5	....	......	......
N. W. F. Willow Cr.—Willow Cr.—Fallon....	1	500	12.5	....	......	......
Willow Cr.—Beaver Cr.—Fergus	1	300	7.5	....	......	......
Willow Cr.—Sage Cr.—Fergus	22	4,206	105.2	....	......	......
N. F. Willow Cr.—Willow Cr.—Fergus......	4	475	11.9	....	......	......
S. F. Willow Cr.—Willow Cr.—Fergus......	2	140	3.5	....	......	......
W. F. Willow Cr.—Willow Cr.—Fergus......	1	150	3.8	....	......	......
Willow Cr.—Flint Cr.—Granite	33	12,865§	321.4	30	5,100	127.5
E. F. Willow Cr.—Willow Cr.—Granite	1	20	0.5	....	......	......
N. F. Willow Cr.—Willow Cr.—Granite......	2	9,700	242.5	....	......	......
M. F. Willow Cr.—Willow Cr.—Granite......	1	450	11.2	....	......	......
W. F. Willow Cr.—Willow Cr.—Granite.....	2	†630§	15.8	....	......	......
Willow Cr.—Rock Cr.—Granite	11	3,534	88.4	....	......	......
Willow Cr.—Red Rock Coulee—Hill	2	550	13.8	....	......	......
Willow Cr.—B. Blackfoot R.—Lewis & Clark	5	1,440	36.0	....	......	......
Willow Cr.—Flat Cr.—Lewis & Clark........	1	500	12.5	....	......	......
Willow Cr.—Missouri R.—Lewis & Clark....	12	7,805	195.1	....	......	......
Willow Cr.—Silver Cr.—Lewis & Clark......	1	50	1.2	....	......	......
*Willow Cr.—N. F. Sun R.—Lewis & Clark..	18	71,315§	1,782.9	....	......	......
L. F. Willow Cr.—N. F. Sun R.—Lewis & C.		See N. F. Willow Creek.				
M. F. Willow Cr.—Willow Cr.—Lewis & C.	1	100	2.5	....	......	......
N. F. Willow Cr.—Willow Cr.—Lewis & Clark	3	820	20.5	....	......	......
R. F. Willow Cr.—Willow Cr.—Lewis & C.		See S. F. Willow Creek.				
S. F. Willow Cr.—Willow Cr.—Lewis & Clark	8	2,220	55.5	....	......	......
Willow Cr.—Ten Mile Cr.—Lewis & Clark....	3	210	5.2	....	......	......
Willow Cr.—Camp Cr.—Madison	2	400	10.0	....	......	......
Willow Cr.—Jefferson R.—Madison	61	†84,655§	2,116.4	70	6,028	150.7
N. Willow Cr.—Willow Cr.—Madison	51	†74,059§	1,851.5	6	650	16.2
S. Willow Cr.—Willow Cr.—Madison	36	†108,346§	2,708.6	3	400	10.0
Willow Cr.—Ruby R.—Madison	4	†	......	....	......	......
Willow Cr. ....Meagher	1	300	7.5	....	......	......
Willow Cr.—Guy Cr.—Meagher	1	40	1.0	....	......	......
Willow Cr.—S. F. Musselshell R.—Meagher..	4	910	22.8	....	......	......
Willow Cr.—Sheep Cr.—Meagher	1	30	0.8	....	......	......
Willow Cr.—N. F. Smith R.—Meagher.......	12	4,030§	100.8	3	330	8.2
E. F. Willow Cr.—Willow Cr.—Meagher.....		See Willow Creek.				

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Willow Cr.—Musselshell R. (26 E.)—M'shell	23	5,200§	130.0	....	......	......
Willow Cr.—Musselshell R. (30 E.)—M'shell	19	†4,860§	121.5	....	......	......
N. F. Willow Cr.—Willow Cr.—Musselshell..	1	200	5.0	....	......	......
Willow Cr.—Shields R.—Park	15	†2,180§	54.5	8	626	15.6
N. F. Willow Cr.—Willow Cr.—Park.........	7	925§	23.1	7	495	12.4
M. F. Willow Cr.—Willow Cr.—Park	2	200	5.0	5	375	9.4
S. F. Willow Cr.—Willow Cr.—Park.........	7	410	10.2	4	295	7.4
Willow Cr.—Hell Gate R.—Powell	12	†2,615§	65.4	....	......	......
Willow Cr.—L. Blackfoot R.—Powell	7	4,000	100.0	....	......	......
Willow Cr.—Bitterroot R.—Ravalli	40	†14,405§	360.1	44	3,980	99.5
N. F. Willow Cr.—Willow Cr.—Ravalli......	3	995	24.9	....	......	......
S. F. Willow Cr.—Willow Cr.—Ravalli......	1	†	......	....	......	......
Willow Cr.—Big Muddy Cr.—Sheridan	3	6,784	169.6	....	......	......
Willow Cr.—E. Divide Cr.—Silver Bow......	1	100	2.5	....	......	......
Willow Cr.—Wheeler Cr.—Sweetgrass	1	200	5.0	....	......	......
Willow Cr.—Work Cr.—Sweetgrass	1	25	0.6	....	......	......
Willow Cr.—Cut Bank Cr.—Teton	3	1,620	40.5	....	......	......
*Willow Cr.—Deep Cr.—Teton	22	†10,720	268.0	....	......	......
M. F. Willow Cr.—Willow Cr.—Teton	6	1,330	33.2	....	......	......
N. F. of M. F. Willow Cr.—M. F. Willow Cr. Teton	2	525	13.1	....	......	......
N. F. Willow Cr.—Willow Cr.—Teton	11	2,680	67.0	....	......	......
N. F. of N. F. Willow Cr.—N. F. Willow Cr.—Teton	1	400	10.0	....	......	......
S. F. of N. F. Willow Cr.—N. F. Willow Cr.—Teton	2	500	12.5	....	......	......
S. F. of Willow Cr.—Willow Cr.—Teton....	13	5,210	130.2	....	......	......
Willow Cr.—Marias R.—Toole	65	†138,034§	3,450.8	....	......	......
Dry F. Willow Cr.—Willow Cr.—Toole......	1	400	10.0	....	......	......
E. F. Willow Cr.—Willow Cr.—Toole	2	180	4.5	....	......	......
M. F. Willow Cr.—Willow Cr.—Toole	2	300	7.5	....	......	......
N. F. Willow Cr.—Willow Cr.—Toole	1	20	0.5	....	......	......
S. F. Willow Cr.—Willow Cr.—Toole	1	200	5.0	....	......	......
W. F. Willow Cr.—Willow Cr.—Toole......	1	20	0.5	....	......	......
Willow Cr.—Frenchman Cr.—Valley.........	1	400	10.0	....	......	......
Willow Cr.—Milk R.—Valley	13	116,080	2,902.0	....	......	......
Willow Cr.—Rock Cr.—Valley	3	14,400	360.0	....	......	......
S. F. Willow Cr.—Willow Cr.—Valley.......	1	200	5.0	....	......	......
Willow Canyon Cr.—White Tail Deer Cr.—Jefferson	1	all	......	....	......	......
Willow Grove Cr.—Willow Cr.—Toole	1	200	......	....	......	......
Willow Lakes—Willow Cr.—Ravalli		See Willow Creek.				
Willow Round Coulee—Marias R.—Teton....	1	1,000	25.0	....	......	......
Willow Springs ....Jefferson	..	....	......	1	all	......
Willow Springs Cr.—Hound Cr.—Cascade....	3	900§	22.5	....	......	......
Willow Springs Cr. ....Chouteau	2	320	8.0	....	......	......
Willow Spring Cr.—S. F. Musselshell R.—Meagher	3	610	15.2	....	......	......
Willow Springs Gulch—Boulder R.—Jefferson	2	200	5.0	....	......	......
Willow Spring Gulch—Marsh Cr.—Lewis & C.	1	100	2.5	....	......	......
Willow Swamp Cr.—Boulder R.—Jefferson..	1	500	12.5	....	......	......
Willshaw Coulee—Milk R.—Toole...........	1	400	10.0	....	......	......
Wilson Coulee—Bean Cr.—Blaine	1	120	3.0	....	......	......
Wilson Coulee—W. F. Milk R.—Blaine......	1	400	10.0	....	......	......
Wilson Coulee—Snake Cr.—Blaine	1	300	7.5	....	......	......
Wilson's Coulee—Bull Hook Cr.—Hill......	1	80	2.0	....	......	......
Wilson Coulee—Cottonwood Cr.—Hill	1	600	15.0	....	......	......
Wilson Coulee—Dupuyer Cr.—Teton	1	400	10.0	....	......	......
Wilson Coulee—Pondera Coulee—Toole......	2	3,000	75.0	....	......	......
Wilson Cr.—Crow Cr.—Broadwater, Jefferson	2	†2,300§	57.5	....	......	......
Wilson Cr.—Cache Cr.—Custer	1	1,000	25.0	....	......	......
Wilson Cr.—Powder R.—Custer	1	3,000	75.0	....	......	......
Wilson Cr.—Elk Cr.—Custer	1	200	5.0	....	......	......
Wilson Cr.—Johnson Cr.—Custer	1	100	2.5	....	......	......
Wilson Cr.—Box Elder Cr.—Fallon	1	1,200	30.0	....	......	......
Wilson Cr.—Russell Cr.—Fallon	1	400	10.0	....	......	......
Wilson Cr.—W. Gallatin R.—Gallatin	4	600	15.0	12	933	23.3
Wilson Cr. ....Madison	1	320	8.0	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in Inches	Amount in Sec. Ft.	No.	Amount in Inches	Amount in Sec. Ft.
Wilson Cr. Lewis & Clark	1	150	3.8	....	......	......
Wilson Cr.—Dry Cr.—Mineral	1	500	12.5	....	......	......
Wilson Cr.—Nevada Cr.—Powell	4	800	20.0	....	......	......
Wilson Cr.—Yellowstone R.—Rosebud	3	2,500	62.5	....	......	......
Wilson Cr.—Flathead R.—Sanders	3	260	6.5	....	......	......
Wind Cr.—Clear Cr.—Blaine	4	1,320	33.0	....	......	......
Wind Cr.—Peoples Cr.—Blaine	1	100	2.5	....	......	......
Wind Cr.—Elk Cr.—Fergus	2	600	15.0	....	......	......
Windfall Cr.—Trout Cr.—Mineral		See Windfall Gulch.				
Windfall Gulch—Trout Cr.—Mineral	5	†5,100	127.5	....	......	......
M. F. Windfall Gulch—Windfall Gulch—Mineral	1	300	7.5	....	......	......
S. F. Windfall Gulch—Windfall Gulch—Mineral	1	500	12.5	....	......	......
Winding Coulee—Willow Cr.—Toole	4	†1,000	25.0	....	......	......
Windlass Gulch—Rock Cr.—Granite	2	260	6.5	....	......	......
Windmill Coulee Chouteau	1	160	4.0	....	......	......
Wind Mill Coulee—Hawk Cr.—Musselshell	1	160	4.0	....	......	......
Window Lake—S. F. Stillwater R.—Flathead		See S. F. Stillwater River.				
Windy Coulee—Lepley Cr.—Chouteau	1	320	8.0	....	......	......
Windy Coulee—Red R.—Toole	1	400	10.0	....	......	......
Windy Cr.—Powder R.—Custer	1	200	5.0	....	......	......
Wing Cr.—Nine Mile Cr.—Mineral	1	1,000	25.0	....	......	......
Wing's Coulee—Judith R.—Fergus	2	75	1.8	....	......	......
Winn Cr.—Clear Cr.—Blaine	2	240	6.0	....	......	......
E. F. Winn Cr.—Winn Cr.—Blaine	3	260	6.5	....	......	......
Winner Cr.—Prickly Pear Cr.—Jefferson	1	50	1.2	....	......	......
Winnipeg Cr.—Stone Cr.—Madison	2	480	12.0	....	......	......
Winter Camp Coulee—Missouri R.—Chouteau	1	200	5.0	....	......	......
Winter Coulee—Snake Cr.—Blaine	1	120	3.0	....	......	......
Winter Cr.—Cow Cr.—Blaine	4	780	19.5	....	......	......
E. Br. Winter Cr.—Winter Cr.—Blaine	1	200	5.0	....	......	......
Winter Cr.—Sixteen Mile Cr.—Gallatin	1	50	1.2	....	......	......
Winter Gulch—Pumpkin Cr.—Custer	1	2,400	60.0	....	......	......
Winterrowd Coulee—Warm Springs Cr.—Fergus	1	200	5.0	....	......	......
Wiozle Cr. Jefferson	1	3	0.1	....	......	......
Wire Grass Coulee—Buggy Cr.—Valley	2	680	17.0	....	......	......
Wisconsin Cr.—Beaverhead R.—Madison	92	†27,755§	693.9	....	......	......
N. F. Wisconsin Cr.—Wisconsin Cr.—Madison	1	200	5.0	....	......	......
Wisconsin Gulch Madison		See Wisconsin Creek.				
Wise River—Big Hole R.—Beaverhead	61	1261910§	31,547.8	....	......	......
M. F. Wise River—Wise R.—Beaverhead	5	1,000	25.0	....	......	......
N. F. Wise River—Wise R.—Beaverhead	5	500	12.5	....	......	......
S. F. Wise River—Wise R.—Beaverhead	9	220,000	5,500.0	....	......	......
Witt Cr.—Shonkin Cr.—Chouteau	1	500	12.5	....	......	......
W. L. Creek—Powder R.—Custer	1	400	10.0	....	......	......
Wod Gulch—Missouri R.—Lewis & Clark	1	300	7.5	....	......	......
Wolf Coulee—Box Elder Cr.—Hill, Blaine	1	320	8.0	....	......	......
Wolf Coulee—Bird Tail Cr.—Cascade	1	40	1.0	....	......	......
Wolf Coulee—Big Muddy Cr.—Sheridan	1	5,184	129.6	....	......	......
Wolf Coulee—Deep Cr.—Teton	2	†240	6.0	....	......	......
Wolf Coulee—Teton R.—Teton	1	all	......	....	......	......
Wolf Coulee—Miners Coulee—Toole	1	200	5.0	....	......	......
Wolf Coulee—Red R.—Toole	1	200	5.0	....	......	......
E. Wolf Coulee—Willow Cr.—Toole	1	100	2.5	....	......	......
W. Wolf Coulee—Willow Cr.—Toole	1	100	2.5	....	......	......
Wolf Cr.—Bull Cr.—Beaverhead	4	400	10.0	1	90	2.2
Wolf Cr.—Hanging Woman Cr.—Big Horn	3	3,000	75.0	....	......	......
Wolf Cr. Custer	1	1,000	25.0	....	......	......
Wolf Cr.—L. Powder R.—Custer	3	2,100	52.5	....	......	......
Wolf Cr.—Yellowstone R.—Custer	1	100	2.5	....	......	......
Wolf Cr.—Powder R.—Custer	1	1,000	25.0	....	......	......
Wolf Cr.—Big Dry Cr.—Dawson	1	†500	12.5	....	......	......
Wolf Cr.—L. Dry Cr.—Dawson	1	100	2.5	....	......	......
Wolf Cr.—Willow Cr.—Fallon	2	1,000	25.0	....	......	......
Wolf Cr.—Judith R.—Fergus	122	32,040§	801.0	....	......	......
Wolfe Cr.—Swan R.—Flathead	1	300	7.5	....	......	......

†Add to filings amounts not given.
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Wolf Cr.—L. Prickly Pear Cr.—Lewis & C.	10	3,220	80.5	....	......	......
Wolf Cr.—Fisher Cr.—Flathead	7	†10,560§	264.0	....	......	......
Wolf Cr.—Madison R.—Madison	31	34,080	852.0	....	......	......
Wolf Cr.—Redwater Cr.—Richland	2	4,000	100.0	....	......	......
Wolf Cr.—Rosebud R.—Rosebud	2	1,000	25.0	....	......	......
Wolf Cr.—Tongue R.—Rosebud	1	500	12.5	....	......	......
Wolf Cr.—Big Muddy Cr.—Sheridan	8	81,960§	2,049.0	....	......	......
E. F. Wolf Cr.—Wolf Cr.—Sheridan	1	240	6.0	....	......	......
*Wolf Cr.—Missouri R.—Sheridan	1	10,000	250.0	....	......	......
Wolf Draw—Powder R.—Custer	1	500	12.5	....	......	......
Wolf Ravine—L. Powder R.—Custer	1	200	5.0	....	......	......
Wolf Butte Coulee—Surprise Cr.—Cascade	1	100	2.5	....	......	......
Wolverine Cr.—Red Rock R.—Beaverhead	5	1,340	33.5	....	......	......
Wolverine Cr.—Big Spring Cr.—Fergus	1	100	2.5	....	......	......
Wood Coulee—Short Gun Cr.—Sheridan	1	1,000	25.0	....	......	......
Wood's Coulee—Dry F. Marias R.—Teton	3	1,100	27.5	....	......	......
Wood's Coulee—Willow Cr.—Toole	1	800	20.0	....	......	......
Wood's Cr.—Cottonwood Cr.—Gallatin	1	all	......	....	......	......
Wood Cr.—Boulder R.—Jefferson	3	525	13.1	....	......	......
Wood Cr. .... Madison	1	†	......	....	......	......
Wood Cr.—S. F. Bitterroot R.—Ravalli	1	200	5.0	....	......	......
Wood's Gulch—Confederate Cr.—Broadwater	3	300	7.5	....	......	......
Wood Gulch—Antelope Cr.—Madison	1	240	6.0	....	......	......
Wood Gulch—Indian Cr.—Madison	1	a	......	....	......	......
Wood's Gulch (Cr.)—Smith R.—Meagher	20	3,315	82.9	....	......	......
S F. Wood's Gulch Cr. M. F. Wood's Gulch Cr. W. F. Wood Gulch Cr. } Wood's Gulch—Mea		See Wood's Gulch (Cr.)				
Wood's Gulch—Rattlesnake Cr.—Missoula	2	182§	4.6	....	......	......
Wood's Gulch—Sherman Cr.—Missoula	1	100	2.5	....	......	......
*Woodbine Cr.—Stillwater R.—Stillwater	4	7,800	195.0	....	......	......
Woodchuck Cr.—Bitterroot R.—Missoula	3	720	18.0	....	......	......
N. Woodchuck Cr.—Woodchuck Cr.—Missoula	2	1,060	26.5	....	......	......
S. Woodchuck Cr.—Woodchuck Cr.—Missoula	3	960	24.0	....	......	......
S. F. Woodcock Coulee—Woodcock Coulee—Chouteau	1	160	4.0	....	......	......
Woodhouser Coulee—Missouri R.—Fergus	1	200	5.0	....	......	......
Wooding Cr.—M. F. Black Tail Deer Cr.—Beaverhead	1	1,000	25.0	....	......	......
Wood Lake Coulee—Willow Cr.—Toole	2	1,400	35.0	....	......	......
Woodley Cooley—Poplar R.—Sheridan	1	6,000	150.0	....	......	......
Woodlief Cr.—Yellowstone R.—Custer	1	300	7.5	....	......	......
Woodman Cr.—Judith R.—Fergus	1	500	12.5	....	......	......
Woodman Cr.—Lo Lo Cr.—Missoula	2	†400	10.0	....	......	......
Woodpile Coulee—N. F. Milk R.—Blaine	2	†2,400	60.0	....	......	......
Wood Schule Spring Cr.—Prickly Pear Cr.—Jefferson	1	all	......	....	......	......
Woodson Cr.—Sixteen Mile Cr.—Meagher	2	420	10.5	1	75	1.9
Woodville Cr.—Hell Gate R.—Missoula	1	5	0.1	....	......	......
Woodworth Cr.—B. Blackfoot R.—Powell	1	300	7.5	....	......	......
Woody Cr.—Big Sandy Cr.—Chouteau	1	300	7.5	....	......	......
Woody Cr.—Big Dry Cr.—Dawson	4	3,500	87.5	....	......	......
N. F. Woody Cr.—Woody Cr.—Dawson	2	1,300	32.5	....	......	......
S. F. Woody Cr.—Woody Cr.—Dawson	2	2,500	62.5	....	......	......
Woody Cr.—Soda Butte Cr.—Park	2	16,000	400.0	....	......	......
Woody Island Cr.—Milk R.—Blaine	24	29,580§	739.5	....	......	......
Wool Cr.—L. Powder R.—Custer	1	1,000	25.0	....	......	......
Woolsey's Gulch—Fleshman Cr.—Park	1	all	......	....	......	......
Woosin Cr. .... Deer Lodge	1	all	......	....	......	......
Worden Lake—Missoula R.—Missoula		See Rattlesnake Creek.				
Work Cr.—Yellowstone R.—Park	3	250	6.2	....	......	......
Work Cr.—Yellowstone R.—Sweetgrass	6	660	16.5	....	......	......
E. F. Work Cr.—Work Cr.—Sweetgrass	1	160	4.0	....	......	......
Work Cr. .... Yellowstone	1	500	12.5	....	......	......
Wortman Cr.—Gallatin R.—Gallatin	..	......	......	1	42	1.0
Wrangle Cr.—L. Missouri R.—Fallon	1	300	7.5	....	......	......
Wreck Cr.—Yellowstone R.—Sweetgrass	1	200	5.0	....	......	......

a—50 acre-feet.

†Add to filings amounts not given.

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§Filings on springs and unnamed creeks and coulees tributary are included.

WATER RIGHT DATA—(Continued.)
(Does Not Include Tributaries.)

STREAM—BRANCH OF AND COUNTY.	Filings of Record.			Decreed Rights.		
	No.	Amount in		No.	Amount in	
		Inches	Sec. Ft.		Inches	Sec. Ft.
Wrench Cr. ......Custer	1	500	12.5	....	......	......
Wright Cr.—N. F. Milk R.—Blaine	1	160	4.0	....	......	......
Wright Cr.—L. Powder R.—Custer	1	1,000	25.0	....	......	......
Wright Cr.—Yellowstone R.—Sweetgrass	4	820	20.5	....	......	......
Wunmiller Cr.—Confederate Gulch—B'dwater		See Horse Ranch Creek.				
Wyants Cooley—Yellowstone R.—Rosebud	3	11,000	275.0	....	......	......
Wyckham Gulch—L. Missouri R.—Fallon		See Wickham Creek.				
Wyman Cr.—Rock Cr.—Granite	1	320	8.0	....	......	......
Wyn Cr. ......Chouteau	1	1,000	25.0	....	......	......
W. W. Schneider Cr.—Grasshopper Cr.—Beaverhead		See Snyder Creek.				
Y						
Yadley Cr.—Milk R.—Valley	2	80,800	2,020.0	....	......	......
Yager Cr.—Hell Gate R.—Missoula	1	300	7.5	....	......	......
*Yahk R.—Kootenai R.—Lincoln	4	28,400§	710.0	....	......	......
E. F. Yahk R.—Yahk R.—Lincoln	2	11,000	275.0	....	......	......
N. Prong Yank Cr.—Tongue R.—Custer	1	500	12.5	....	......	......
Yankee Cr.—Wilson Cr.—Gallatin	1	100	2.5	1	40	1.0
Yankee Doodle Gl.—S .Bow Cr.—Silver Bow	24	†23,787§	594.7	....	......	......
Yarnell Cr.—Box Elder Cr.—Fallon	1	500	12.5	....	......	......
Y Bar Coulee Cr.—Fattig Cr.—Musselshell	1	300	7.5	....	......	......
Yeast Powder Flat—Pondera Cl—Chouteau	1	1,040	26.0	....	......	......
Yellow Bay Cr.—Flathead Lk.—Flathead	2	740	18.5	....	......	......
Y. Jacket Lk.—Missoula R.—Missoula	1	300	7.5	....	......	......
Yellowstone Gl.—Nez Perce Cr.—Jefferson	1	all	......	....	......	......
*Yellowstone R.—Missouri R.	476	†3323101§	83,077.5	....	......	......
Yellowwater Cr.—Flatwillow Cr.—Fergus	20	5,390	134.8	....	......	......
N. F. Yellowwater Cr.—Y'w't'r Cr.—Fergus	2	325	8.1	....	......	......
Yogo Cr.—Judith R.—Cascade, Fergus	21	†16,900§	422.5	....	......	......
N. F. Yogo Cr.—Yogo Cr.—Cascade	4	30,500	762.5	....	......	......
Yogo Gulch—Judith R.—Cascade, Fergus		See Yogo Creek.				
York Gulch. ......Lewis & Clark		See New York Gulch.				
Young Bam ...... Powell	1	500	12.5	....	......	......
Young Canyon—B. Sheep Cr.—Beaverhead	1	500	12.5	....	......	......
Young's Coulee—Bull Hook Cr.—Hill		See Young's Creek.				
Young's Coulee—Fox Cr.—Richland	1	100	2.5	....	......	......
Young's Cr.—Tongue R.—Big Horn	9	†1,210§	30.2	....	......	......
Spring Br. Young's Cr.—Young's Cr.—Big H.	1	20	0.5	....	......	......
Young's Cr.—Arrow Cr.—Cascade	1	50	1.2	....	......	......
Young's Cr.—Bull Hook Cr.—Hill	2	560	14.0	....	......	......
Young Cr.—Lincoln Cr.—Meagher	1	75	1.8	....	......	......
Young Cr.—S. F. M'shell R.—Meagher	1	100	2.5	....	......	......
Young's Cr.—Yellowstone R.—Stillwater	1	100	2.5	....	......	......
Young's Gulch—Clear Cr.—Blaine	1	200	5.0	....	......	......
Young's Lake—B. Blackfoot R.—Powell	1	80	2.0	....	......	......
Young Ireland Gulch—Daly's Gl.—D. Lodge.	1	16	0.4	....	......	......
Your Name Cr.—B. Blackfoot R.—Powell	19	11,000§	275.0	5	1,030	25.8
Y. T. Crk.—Mizpah Cr.—Custer	2	1,800	45.0	....	......	......
Yukon Cr. ...... Madison	1	900	22.5	....	......	......
Yunck Coulee—Headlight Coulee—Teton	1	1,000	25.0	....	......	......
Yunkin Cr.—B. Blackfoot R.—Powell	1	600	15.0	....	......	......
Y. V. Draw Cr.—Pennel Cr.—Fallon	1	2,000	50.0	....	......	......
Y. Z. Coulee—Missouri R.—Valley	2	1,240	31.0	....	......	......
Z						
Zeigler Cr.—Missoula R.—Sanders	1	200	5.0	....	......	......
Zell Coulee—Marias R.—Toole	1	400	10.0	....	......	......
Zephyrin Chabee Coulee—Cutbank Cr.—Teton	2	800	20.0	....	......	......
Zimmerman Coulee—Dry F. Marias R.—Teton	4	1,680	42.0	....	......	......
Zimmerman Cr.—L. Missouri R.—Fallon	1	500	12.5	....	......	......

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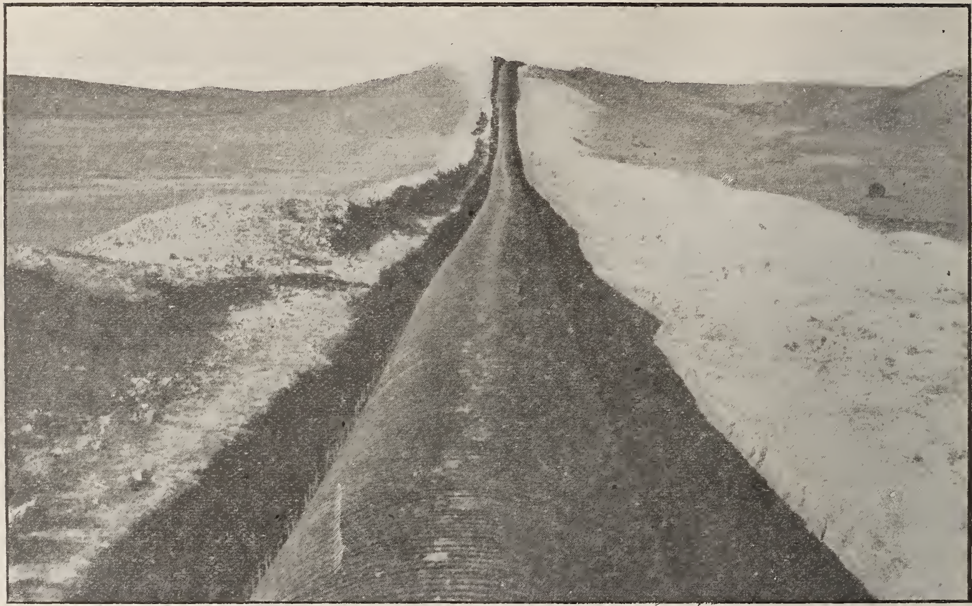
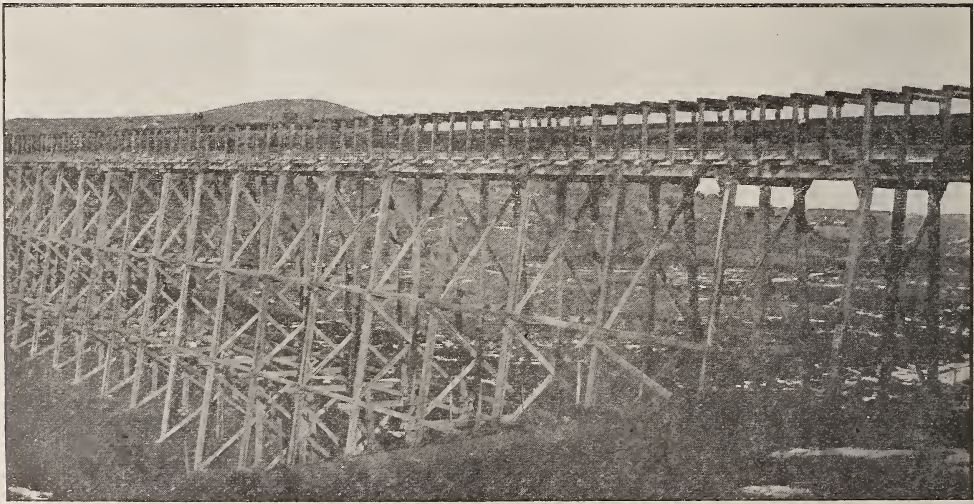
*Measurement of flow shown in either 5th or 6th report.
§Filings on springs and unnamed creeks and coulees tributary are included.

CAREY LAND ACT BOARD SECTION



Crossing Big Flat Coule, on the Valier "Carey" Project, with a six foot six-inch pipe line designed to carry a stream of 350 cubic feet of water per second.



Crossing Alkali Creek, on the Billings "Carey" Project, with a flume designed to carry nearly the same amount.

REPORT

OF THE

CAREY LAND ACT BOARD

OF THE

STATE OF MONTANA

FOR THE YEARS

1913-1914

A. W. MAHON, State Engineer, Secretary.

The Carey Land Act Board, during the past two years, has been composed of Governor Samuel V. Stewart, Chairman; Secretary of State, A. M. Alderson; and Attorney General, D. M. Kelly; with the State Engineer as its ex-officio Secretary and George R. Davies, as Assistant Secretary.

The duties of the Assistant Secretary are prescribed by law, and in addition to these duties, embodying all accounting in both finances and land matters, he has voluntarily worked over hours with the office force of the State Engineer, and taken upon himself the additional task of assisting in the compilations for the State Engineer's Report, believing it to be of material value to the operation of the Carey Act law in this State; and these few words of commendation are justly due Mr. Davies.

The Carey Board has been self-supporting, since the abolishment of the old "Arid Land Grant Commission," and by a change in policy already adopted, hopes to wipe out all indebtedness incurred by the said Commission with purely Carey Law revenues. The projects built and land reclaimed under the supervision of the Board, have added to the revenues of the State Treasury far more than the expense of administering the law amounts to, while none of this revenue has been diverted for Carey Board purposes. In addition to this, must also be considered, the prosperous communities and increased revenues of the Counties themselves, due directly to the operation of projects built under this law. Thus it may be interesting, to those who are not advised, to know that the enactment of the present Carey Land Act Law in this State has justified itself in the most practical manner.

Two new contracts have been entered into for the reclamation of land upon the approval of the segregations by the Secretary of the Interior, namely: the Flatwillow and the Little Missouri, as will be shown in reports of the projects under their respective headings.

Two projects, the Ruby and the Musselshell, have been cancelled during the past two years.

One new temporary segregation has been made, embodying part of the old Red Rock and the Ruby projects, but by entirely new people and with a different plan of reclamation from that originally proposed. Investigation and surveys have been made and we are awaiting a definite report of their findings and further intentions.

There seems to be a tendency by the public at large, from some unfavorable conditions that have arisen in the past, to doubt the water supply of all "Carey projects." Montana has, however, been taking every precaution to guard against such a condition arising in this State.

When new projects are proposed, it is not always possible to determine with any degree of certainty, on account of lack of recorded data, what the supply will really be, but as soon as the project is proposed and segregated, prompt steps are taken by this office to establish gauging stations and carry on continuous measurements of the water available, by means of daily observations at these stations. Thus we are trying to be prepared before the settlement of the project to know how much land can really be reclaimed under normal conditions, and the contracting companies understand that they will not be permitted to sell more land and water rights than they have water available.

In this connection, the following order recently made by the Carey Land Act Board may be quoted, and is self-explanatory:

"It is hereby ordered:

1st. That on all projects where contracts with this Board are involved, water rights shall not be sold for lands other than Carey Act lands in excess of the amount necessary for said Carey lands, unless it can be clearly shown to the satisfaction of the State Engineer, and receive the approval of the Carey Land Act Board, that the water supply, storage and carrying capacities are in excess of the amount required for said Carey lands.

2nd. In all cases where Carey projects, may, or now do, embody a joint reclamation of other lands, a supplementary contract shall be required, and such other papers as may be necessary, from the contracting company to carry out the provisions of Section 1 of this order.

3rd. In all cases where Carey projects may, or now do, embody a joint reclamation of other lands, and sale of water rights to be used on such other lands, reaches a total equal or in excess of the amount of the capacity of canals, storage, necessary supply, etc., then in such cases, in addition to the requirements of sections 1 and 2, this Board will require preference rights for the delivery of water to Carey settlers and to all Carey lands that are unsold, or, in case of excess sales, a relinquishment of such part of the Carey segregation will be required as will bring the water supply down to a safe quantity for all remaining Carey lands segregated, in addition to other lands sold and preference right given.

4th. In all cases under sections 2 and 3, exception will only be made when a bond with good and sufficient surety is furnished to the State of Montana that the capacities, storage and supply will be increased to embody other lands and that such increase shall be made to cover all excess sales within a specified time, and that further sales will not be made until said capacities, storage and supply are sufficient to reclaim same, and are approved by the State Engineer or the Carey Land Act Board. Bond to be in amount sufficient to cover expense of providing such increase in capacity, etc., and to be furnished for that specific purpose. Said bond to be approved by the Attorney General and the Carey Land Act Board."

In addition to this order we have impressed upon the companies, the fact, that before accepting their work or water supply, they must be prepared to have the Hydrographers of the State Engineer's office report upon their capacities, from actual current meter measurements taken on the system in actual service.

There have been instances where contracting companies seemed imbued with the idea that they were at liberty to do as they pleased in the construction of their projects; forgetting that the Carey Land Act Board was itself under contract with the federal government and reserved the right at all times of supervision over the plans and construction of the projects.

These cases while causing a misunderstanding at the start on the part of the companies, have caused no particular friction. We have at all times tried to make plain the fact that we wanted to co-operate and be of the utmost assistance to these companies in every consistent manner; but we did and do insist upon the work and supply being efficient and sufficient for the needs of the project and that we at all times be permitted to know that this condition exists. I believe this will be thoroughly understood in the future.

During the past two years the sale of lands under the Carey Projects have been disappointing, and our revenues correspondingly light. We had hoped to be able to retire some of the old "Arid Land Grant Commission" warrants before this time but under the circumstances this has not been permissible. Two years ago the Board raised the price of land on all new contracts from 50 cents per acre to $1.50 and the present Board at a recent meeting issued an order requesting all companies having land under contract at 50 cents per acre, to consent to a supplemental contract, raising the price from 50 cents to $1.50 per acre. The object of this request was to increase the revenues of the Board sufficiently to retire these old warrants from lands already on sale.

The Big Timber Project has already accepted the above suggestion and consented to raise the price under their contract, while negotiations with the Valier Project are now pending. The new projects are already contracted at $1.50 per acre, but their lands will not be for sale until reclaimed.

We give herewith a statement of the several projects as submitted to this office at the end of the present fiscal year:

BILLINGS PROJECT.

This project consists of Montana Segregation Lists No's. 1 and 7, amounting to 13,834.63 acres.

Acreage sold during the last two fiscal years 2,397.50.

Monies received by the Carey Board from sale of said lands $4,796.00, and for filing fees, etc., $52.00, making a total of $4,848.00.

Total acreage patented to the state, 12,436.93.

Total acreage patented by the state to settlers, 6,956.14.

It has been generally considered that the main canal of this project was completed to full capacity, and in places it undoubtedly is. I believe the company itself was sincere in this belief, but during the past fall, the hydrographer of the State Engineer's office was instructed to make actual current meter measurements of the canal in service and the capacities were found to be below the requirements of the project as a whole, though being ample for all lands requiring water up to this time.

This matter was called to the Company's attention and they promptly agreed to increase the capacity to the necessary requirements to reclaim all lands under their canal amounting to approximately 27,000 acres and to comply with the requirements of this Board, to furnish an additional bond with good and sufficient surety in the sum of $40,000.00 to increase the capacity of their canal to the requirements of the State Engineer or Carey Board; said bond to be conditioned and to be for the purpose of making such enlargements to reclaim all lands under the project and the capacity to be sufficient for that purpose, not to exceed 340 second feet at the Alkali Creek flume by measurement in actual service.

Attention is also called to the fact that this Company has, during the past two years, built and put into operation a standard guage steam railway through the project, placing these lands in the sugar beet belt upon a practical and paying basis. They give the settlers a service of two trains each way and stop at all road crossings for passengers. This gives the settlers practically a suburban passenger service and brings the land into close proximity with freight stations.

This Company has carried out a policy in its colonization that has been a great success in the development and improvement of the lands. They discourage any purchase of a speculative nature and try to get bona fide settlers and actual resident farmers and have met with excellent results.

The statement of the Company follows:

STATEMENT OF BILLINGS LAND & IRRIGATION COMPANY PROJECT TO OCT. 31, 1914.

Name of Project: Billings Bench.
Name of Company: Billings Land & Irrigation Co.
Postoffice Address: Billings, Montana.
County in which lands are situated: Yellowstone.

Description of Location:

Altitude: 3,000 feet.
Topography: Bench land, crossed by 5 creeks: generally smooth: sloping north and east.
Soil: Sandy loam and clay loam.

Description of Water Supply:

Stream or streams from which water supply is obtained: Yellowstone River.
Whether running water, flood water or both: Running water.
Number of reservoirs with area and capacity of each: One is projected: Area 215.73 acres. Capacity 1,700 acre feet.

Water otherwise appropriated on the stream: Supply is so large that other appropriations need not be considered.

Canal leading from stream to land or reservoir:
Length: 61 miles.
Size:
Capacity: Ultimate capacity per contract 340 second feet.
Length of main canal from reservoir completed: The main canal runs along the easterly side of a natural basin. It is proposed to strengthen the bank of the canal for a mile along this basin and construct a checkgate in canal at outlet.
Length of main canal from reservoir to be built: Completed.
Length of main laterals completed: 95 miles.
Length of main laterals to be built: 5 miles.

Length of distributing laterals completed: } Included in main laterals.
Length of distributing laterals to be built: }

Total length of canal and laterals completed: 156 miles.
Total length of canal and laterals to be built: 5 miles.

General Description of Project:

Character of construction: Gravity system, following contour of valley on uniform grade.

Number and character of structures: Concrete headgate: 9 flumes, all wooden, aggregating about 2,600 feet. 2 wooden stave pipe syphons, about 1,800 feet.
Engineering difficulties: One tunnel 1,847 feet long through solid rock and about 4,000 feet rock cut. It has been necessary to timber about 500 feet of the tunnel.
Total estimated cost of project: $450,000.00.
Total expenditures to October 31, 1914: $454,698.77.
Price of water right per acre for Carey Act lands: $25 to $58.
Price of water right per acre for lands owned by company: The lands of the company are sold with water right for from $40 to $65.
Price of water right per acre for lands other than company or Carey land:
$25 to $60.—(All these prices of water rights are governed by character and location of the land, whether Carey, company or other.)
Terms of payment on water contracts: One-fourth cash, balance 10 annual installments: interest 6 per cent.
Total number of acres within the boundaries of project: 34,000.
Total number of acres susceptible of irrigation for
Carey: 11,000
Private: 3,000
Railroad: 12,000
State: 1,000
Total number of acres to be actually irrigated by system: about 27,000.
What necessities for drainage system have arisen: A few cases of seepage from canal and excess irrigation in localities where there is a shale formation.
What drainage is contemplated: Nothing beyond surface drains for waste water as required.
What character of drainage has been adopted and to what extent in actual construction: Two complete sub-surface drains (box) have been completed, one 13,500 feet long and one 12,000 feet long. These built under two drainage districts, supervised by the County Drain Commissioner.
Number of acres of Carey land filed on: 10,192.88.
Number of acres of Carey land filed on susceptible of irrigation: 8,897.40.

Number of acres of Carey land open to entry: 3,680.71.

Number of acres of Carey land open to entry susceptible of irrigation: 2,132.00.

Amount of water per acre required to be furnished by Carey Board: One cubic foot per 100 acres, per second.

Amount of water per acre actually required by the land: Various, according to the kind of crops on the land, but not in excess of the amount required to be furnished.

Method of measuring water to the farm units: By weirs and turn-out boxes.

Method of record of water delivery: Patrolmen required to take daily measurements of water delivered from about June 15 to August 15 and make weekly reports on blanks furnished for that purpose.

Amount charged per acre for maintenance as per contract with Board: $1.00.

Actual average cost of maintenance per acre for 5 years:Fully $2.00 per acre for all land sold and cultivated in any of these years and in excess of $1.00 per acre for all irrigibale lands under the system. Total maintenance cost for 1914 will be very nearly $35,000.

BILLINGS LAND & IRRIGATION CO.,
By R. E. SHEPHERD, Pres.

Carey Land Act Board,
Helena, Montana.
Gentlemen:

We can report considerable progress on this project since your last published report. We have taken up the question of markets, which was becoming of great importance with the growth of the bench. In 1913 we built a farmer railroad over the project, connecting the farmer with the Billings market. The road was put in operation December 1, 1913. This enabled quite a number of farmers to engage in growing sugar beets this year; it also put the dairymen in position to market their milk and cream in this city and generally has made it possible for the farmers to engage in more intensive farming operations. This road is so located that but a small part of the land is more than two miles from a loading station A town has sprung up this year in about the center of the project * * *

From this can be seen the great convenience of this road and it is attracting a good class of settlers. * * * As to the increase of wealth on the project as evidenced by the taxes, the total tax paid this year on the bench is $28,241.43, an increase of over $13,000.00 in two years.

This project is steadily going ahead in actual sound development; there has been a large increase in the amount of livestock and other personal property. There is room under this irrigation system for many more good farmers, to whom we have extended a cordial invitation to join us.

Yours truly,
BILLINGS LAND & IRRIGATION CO.,
By R. E. SHEPHERD.

BIG TIMBER PROJECT.

This project is located near Big Timber, Montana, as indicated by its name. It comprises Montana Segregation Lists No's. 2, 3, 9 and 11, amounting to 12,254.18 acres.

Acreage sold during last two fiscal years 320.

Monies received by the Carey Board from sale of said lands, $320.00, and for filing fees, etc., $19.00, making a total of $339.00.

Total acreage patented to the State, 7,356.12.

Total acreage patented to settlers, 3,299.32.

This is an excellent project, but as indicated by the above figures, very little has been accomplished by the company since the last biennial report. We have assurances, however, that they have practically completed negotiations that will mean a substantial movement in sales and settlement early in 1915.

Their report follows:

Statement of the Big Timber Project.

Helena, Montana, Dec. 14, 1914.

Hon. A. W. Mahon,
State Engineer,
Helena, Montana.

Dear Sir:

Acknowledging your letter of the 23rd ultimo we beg to answer the questions therewith submitted as follows:

How long is your main canal: Intake canal is 1.57 miles in length, 40 feet wide on the bottom. Capacity 600 second feet.

Canal connecting the two reservoirs (natural lake beds) is 1.86 miles in length, 20 feet wide on bottom. Capacity 300 second feet.

High line distributing canal is 16½ miles long, 14 feet wide on bottom. Capacity 150 second feet.

Low line distributing canal is 17½ miles long, 16 feet wide on bottom. Capacity 175 second feet.

Big Timber Creek Canal is about 13 miles long, width on bottom variable. Capacity at the intake 125 second feet.

How many miles of laterals: We have never computed the number of miles of laterals.

What is the capacity of your canal? Capacity of canals is given in answer to first question.

How much water do you actually supply? Our contracts with settlers provide for the delivery of 1½ acre feet of water for each acre of irrigable land. We now have outstanding contracts for approximately 9,000 acres.

Is you system direct flow, storage or both? We use both direct flow and storage. Our storage capacity is from 18,000 to 20,000 acre feet. We do not use the storage water until after the 10th of July each year, as prior to that time there is ample flow for all purposes.

What are your water losses in reservoir evaporation, canal seepage? On account of the compact nature of the soil our losses from seepage are very small, but, as a factor of safety, we provide for a loss of 20 per cent in the storage and carrying capacity.

When was your project completed? Plant completed in 1908, since which time extensions have been made on the laterals.

What was the cost of your irrigation system? We kept no separate records of construction costs, but our investment to date for plant, lands, farming operations, cost of selling, etc., approximates $800,000.00.

How many acres do you reclaim? There are approximately 18,000 irrigable acres and approximately 14,000 non-irrigable acres in the project.

How much of this land was settled before reclamation? None.

How much settled at completion of your project? None.

How much is settled at this time? Approximately 9,000 acres.

How much remains unsettled under your project now? Approximately 9,000 acres.

Do you sell your water by the cubic foot per second (or inch), the acre foot, or perpetual right to a specific amount per acre per annum? Our contracts with settlers provide for the delivery of one share of the capital stock of Sweet Grass Canal & Reservoir Company for each irrigable acre contracted for, said shares being made inseperably appurtenant to the land. Each share entitles the owner thereof to the use of 1½ acre feet of water during each irrigation season.

What do you charge for same? From $45.00 to $60.00 per acre.

What terms do you sell on? From two to ten per cent in cash on first payment. Deferred payments run from one to ten years and bear 6 per cent interest.

What is your cost of maintenance per acre? Our contract with the Carey Land Act Board of Montana permits us to charge 75 cents per irrigable acre of land per annum as a maintenance charge. Our contract with settlers provides for an annual charge of 40 cents per irrigable acre for maintenance of system and delivery of water. Our actual charge is the pro-rata part of the cost of maintaining the system and deliveriing the water, which so far has never exceeded 25c per irrigable acre per annum.

What difficulties have you encountered in selling water? This Big Timber Carey Project and the Billings Carey Project were the first two to be completed and placed on the market in Montana and the land buying public had not at that time become familiar with the operation of the Carey Act law in this part of the Northwest. It, therefore, devolved upon these projects to be the pioneers in carrying on an educational campaign, which has consumed a great deal of time and money.

Another serious handicap has been, particularly the last three years, the rush of probably 95 per cent of land seekers to the free government homesteads on which they proposed to put into operation the system of dry land farming.

How promptly have payments been made? For reasons given above they have come in very slowly; in fact, we have paid out more money in assisting settlers than we have received from the sale of lands.

Do you consider your project a financial success? Up to date, no, but finally, yes.

With your present experiences at the beginning, would you have undertaken your present project? Yes, because had we had at the beginning the knowledge we now have we could have guarded against many of the things which have so seriously handicapped us.

Our project is exceptionally favored in the excellent quality of the soil, with but little alkali in low spots, in excellent climatic conditions, in an over abundant supply of pure water and a system of reservoirs and ditches constructed so solidly and with such ample capacity as to avoid all chance of inability to deliver the water as rapidly as desired to all users and to preclude any high cost of maintenance and operation.

In initiating another project of this character we certainly should not do it without taking into consideration the necessity of assisting, in many cases, to provide settlers with alfalfa, peas, pigs, and dairy cattle and provide them economic purchasing and marketing facilities.

GLASS-LINSAY LAND COMPANY,
BY JAMES GLASS, General Manager.

VALIER PROJECT.

This project is the largest of the Carey Projects in Montana and is quite generally described in the Company report given below.

It comprises Montana Segregation Lists No's. 8, 12 and 14, amounting to 85,580.14 acres.

Acreage sold during last two fiscal years, 10,627.36.

Monies received by the Carey Board from sale of said lands, $6,953.72 and from filing fees, etc., $334.00, making a total of $7,287.72.

No lands patented in the project.

This project also operates a steam railway through the project from Conrad to Valier and thus makes all lands reasonably accessible to shipping facilities.

While some considerable work still remains to be done, comparatively speaking the project may be said to be reasonably near completion.

The most interesting structure of the project, completed this past fall, is the "Swift Dam," so named for Mr. W. E. Swift, Engineer of the project who made the original plans and design. This is what is known as a "rock-fill" dam, and as this is virtually a new type of construction in

Birch Creek Canyon, Site of the Swift Dam on the Valier "Carey" Project.

Montana on so large a scale, the following description may be of interest.

This structure was built as a supplementary storage unit for the Valier Carey Project. Located in the Birch Creek canyon, about 35 miles west of Valier, Montana. Built in 1912-14.

Height of Dam, 159 feet above creek bed and 30 feet below to bed rock. Length, 470 feet on top. Base, 80 feet. Crest 15 feet, including coping. Freeboard, 12 feet. Drainage basin, 120 square miles in main range of Rocky Mountains. Drainage area timbered, with much burned timber area; subject to cloud bursts and high winds. Submerged area cleared and burned. High water marks indicate a maximum flow of 4,000 second feet. Spillway through solid rock, well removed from site of dam, and having concrete lining. Capacity of spillway at little less than 4 feet overflow is 8,000 second feet or double the indicated maximum flood, still leaving an 8-foot freeboard.

Dam rests on natural bed of stream composed of gravel and boulders. Body of dam is lime stone, quarry run, taken from each side of the canyon. Much fine material accumulated. Early in construction, floods backed up to the height of 40 feet on the rock fill, flowing through it, thus removing all loose material from the bottom of the structure.

Upstream slope started on slope of 1 on 1 with concrete cut-off wall into bedrock. Concrete facing starts from cut-off wall 10 feet below creek bed 18 inches thick at base and laid on 5 feet of hand-placed rock plastered and oiled. Facing reinforced with ½in. sq. bars 4 in. center to center along slope and 5 in. c to c horizontal up 25 feet above creek bed. The hand placed rock had preceded the concrete until near the top on the 1 on 1 slope when a series of slides occurred, carrying much of the hand placed rock and thin sheets of the fill, taking a slope of 1 on 1.2. Examination of conditions after the slides led to various theories as to the cause, but the most plausible one would seem to be that the fine material in the upper part of the fill was responsible. Total yardage in slides was 7,160 measured in excavation. Slope was laid at 1 on 1 as before and concrete facing placed up to 100 feet above creek bed reinforced with ½ in- sq. bars 4 in. c to c both ways. From this point to height of 154 feet, the slope was changed to 1 on 1.2, taking the slope of the slides. The concrete facing was reinforced with ½" sq. bars 4" c to c along the slope and 5" c to c horizontal above the change in the slope. At 154 feet a vertical reinforced concrete coping was placed, 2 feet thick at base and 5 feet high with a concave face, making a total height of 159 feet.

At a distance of 50 feet from the creek bed and side walls of the canyon and spaced 50 feet c to c along the slope of the concrete face, expansion joints were placed, composed of plank on edge, through which runs the reinforcing. Up to a point 105 feet above the creek bed a loose rock blanket was placed over the concrete face of the dam; this fill having a crest of 17½ feet and slope of 1 on 1½.

The down stream slope is 1 on 1 1-3 with an additional fill against the toe of the slope having a 20 foot crest 12 feet above the creek bed to replace any possible back wash from the outlet without disturbing the slope of the dam proper and 12 feet being approximately the distance to bed rock at this point.

The dam is built on a curve arching up stream with a middle ordinate of 20 feet. The crest of the rock fill is 2 feet below the concrete coping. No well defined data on settlement available, though bench marks have been set for these observations from time of completion.

The outlet is a concrete lined tunnel in solid rock under the south end of the dam and discharging through four 36-inch valves.

Capacity of reservoir 30,000 acre feet.

Rock quantities given in excavation. Rock in main dam 186,000 yards. In blanket fill over face 16,840 yards. Spillway 13,170 yards.

Concrete in cut-off wall of main dam 568 yards. Concrete in facing on dam 3,622 yards. Concrete in lining of spillway 970 yards.

Total cost of dam and affiliated structures approximately $421,000.00.

The company has, during the past two years, endeavored to secure and record the losses of water in seepage and evaporation and also to determine the duty of water on their lands, but we do not feel justified in giving these results until checked by the hydrographer of the State Engineer's office on the work. The duty of water quoted in their report, while possibly close to the true amount, is based upon arbitrary figures that may require modification upon further investigation.

The Company report and statement follows:

STATEMENT OF THE VALIER PROJECT TO OCTOBER 31, 1914.

Name of Project: The Valier Project.
Name of Company: The Valier–Montana Land and Water Co.
Postoffice Address: Valier, Montana.
County in which lands are located: Teton county.
Description of location:

The Valier Project is located near the northern part of the state of Montana. It extends three townships north, five townships west and two townships east of Conrad, Montana.

Altitude: The irrigable land is between elevations 3,400 and 3,900 U. S. G. S. datum.

Topography: The tract lies in a gently–rolling, prairie–like country, clear of brush and trees. The land drains in a northeasterly direction with a slope of 50 feet per mile to the Marias River.

Soil: The soil is deep beyond all practical requirements. It is very fertile and holds water well. It consists of a heavy loam in which the percentage of clay is small. After the first breaking it is easily worked.

Description of the Water Supply:

The main portion of the water supply is derived from Birch Creek, a mountain stream flowing the year round and from the east slope of the Rockies. The water is of excellent quality. This creek drains an area of 185 square miles above the intake works of the Birch Creek canal. The stream records at a point one half mile above this intake, which have been kept since 1907 to date, indicate that all the years with the exception of 1910 have been wet years. The records further show that the season's flow of this stream is not sufficient to take care of the project by direct flow. The Birch Creek Canyon Reservoir was consequently adopted as being necessary. The Swift Dam now nearing completion, impounds water in this reservoir. The flow from Birch Creek is supplemented by the flow of Dupuyer Creek, which has a drainage area of 111 square miles. The joint drainage area is 296 square miles. The waters of Birch Creek are diverted into the Birch Creek canal at a point 12 miles below the Swift Dam. From that point this canal runs easterly to Dupuyer Creek and empties into the latter. A short distance from where the waters join they are diverted into the Dupuyer Creek canal. The Dupuyer Creek Canal delivers the water to both the C–Canal and the C–3. The C–Canal is for irrigation of lands which are irrigated from the direct flow of the streams and the C–3 canal empties into the Lake Frances Reservoir. It is intended to use both running and flood water.

Number of Reservoirs with Area and Capacity of Each:

Two reservoirs:

1. Birch Creek Canyon Reservoir: Area 506 acres. Capacity 30,000 acre feet.
2. Lake Frances Reservoir: Area 5,536 acres. Capacity 112,000 acre feet.

Water otherwise appropriated on the streams:

No general adjudication has been made on the water rights of the two creeks, but the records and opinions of those who have familiarized themselves with conditions indicate that there are valid prior rights existing on Birch Creek and Dupuyer Creek amounting to approximately 14,000 acre feet.

Canals leading from streams to land or reservoir:

Birch Creek Canal: 13.9 miles long, capacity 700 second feet.
Dupuyer Creek Canal. 3.7 miles long, capacity 900 second feet.
C–3 Canal: 2.2 miles long, capacity 900 second feet.

Length of main canal from reservoir completed: 29.3 miles.
Length of main canal from reservoir to be built: 9.3 miles.
Length of main laterals completed: 133.7 miles.
Length of main laterals to be completed: 9.7 miles.
Length of distributing laterals completed: 292.0 miles.
Length of distributing laterals to be completed: 5.0 miles.
Total length of canals and laterals completed: 474.8 miles.
Total length of canals and laterals to be completed: 24.0 miles.

Character of Construction:

The canals and structures on the project are built according to the most up–todate engineering practices. Most of the canals are built for possible larger capacities in the future, and are of more than ample size to take care of all present and future needs.

Number and Character of structures:

Wherever possible all structures on the main canals and laterals are solidly built of reinforced concrete. The principal structures on the project are:

The Swift Dam: A concrete–faced, rock–fill dam in Birch Creek Canyon, 160 feet high and 400 feet long on top with tunnel outlet.

Earth and Rock Fill Dyke: 40 feet high and 400 feet long on top. This dyke is 700 feet north of the Swift Dam.

Concrete lined spillway for above reservoir which is cut through solid rock and will have a capacity of about 10,000 cubic feet per second, with a free–board of eight feet above this discharge. The drainage basin above this dam is approximately 120 square miles in the Rocky Mountains.

Lake Frances Dam: An earth dam 40 feet high and 600 feet long on top, with reinforced concrete core–wall and double 53 inch barrel culvert outlet and gate tower.

Lake Frances Dyke: An earth dyke 18 feet high and 1,200 feet long with reinforced concrete outlet culvert and tower.

Big Flat Coulee Syphon: This consists of 1,000 feet of concrete pressure pipe 7 feet in diameter and 3,000 feet of wood stave pipe 78 inches in diameter, with intake and outlet structures. The wood stave pipe is under 160–foot head at the lowest point of the coulee and has a capacity of 375 second feet.

Birch Creek Diversion Dam: Located on Birch Creek about 12 miles below the Swift Dam. This consists of a concrete diversion dam across Birch Creek and massive concrete headgates. It diverts the waters of Birch Creek into the Birch Creek canal.

Two reinforced concrete drops on Birch Creek Canal: One is a 5–foot drop with a capacity of 700 second feet; the other is an 11–foot drop of the same capacity.

Concrete and Timber Drops on the Birch Creek and Dupuyer Creek Canals: About 80 feet of excess grade in the Birch Creek Canal is taken care of by about 35 timber and concrete drops. These drops consist of heavy timber aprons and floors with concrete wing walls, and make drops of about 2½ feet each. In the Dupuyer Creek Canal there are six of these drops of about the same size.

Dupuyer Creek Headgates and Diversion Weir: A diversion weir reaches across Dupuyer Creek and diverts the waters of this creek into the Dupuyer Creek Canal. The whole structure is built in solidly of concrete.

Little Flat Coulee Syphon: This will be built at the present end of the "S" Canal to carry the water across Little Flat Coulee and will be about 3,000 feet in length, having a capacity of 70 cubic feet per second. It will be built of wood stave pipe with concrete intake and outlet structures.

Drops: In constructing drops on the project the system has been followed of using reinforced concrete wherever the capacity of the canal was more than 20 cubic feet per second. Where it amounted to less than 20 cubic feet timber was used.

Turnouts: All turnouts from main canals and main laterals which have a capacity of more than 60 cubic feet per second have been constructed of reinforced concrete. Where the capacity of the main canal or distributing canal is less than 60 cubic feet per second timber turnouts have been constructed.

Checks: A number of checks have been placed in main canals and main laterals. These have been constructed of reinforced concrete.

Bridges: About 400 bridges have been constructed on county and other roads. They have been designed according to state and county regulations to carry a 15-ton traction engine or a distributed load of 20,000 pounds.

Timber Drops, Checks, Division Boxes, and Rating Flumes: About 900 checks, drops, division boxes and rating flumes are now in use for the proper distribution of the water. These are all of timber.

Engineering Difficulties: Sliding banks were located on side hills.
Total Estimated Cost of Project: $4,060,946.83.
Total Expenditures to October 31, 1914: $3,910,946.83.
Price of water right per acre for lands owned by the Company: $40.00.
Price of water right per acre for Carey Act lands: $40.00
Price of water right per acre for other than Company or Carey lands: $40.00.
Terms of payments on water contracts: A charge of $5.00 per acre is made at time of purchase, the balance being paid in fourteen equal annual payments with interest at 6 percent on deferred payments.

Total number of acres within boundaries of project: 194,015.0.

Total number of acres susceptible of irrigation for:

Carey: 65,599.25 acres.

Company Deeded: 34,890.18 acres.
Includes 10,669.4 shares of Pondera attached and 1,082.6 shares of Pondera unattached stock.

Private: 28,442.43 acres.
State: 7,924.00 acres.

Total number of acres to be actually irrigated by project: 100,489.43.
What necessities for drainage system have arisen: From ends of canals which do not terminate in coulees.

What character of drainage has been adopted and to what extent in actual construction: 3.22 miles of drainage ditches have been built from ends of canals to coulees. No trouble is encountered after reaching the coulees.

Number of acres of Carey land filed on: 34,580.33.
Number of acres of Carey land filed on susceptible to irrigation: 27,580.58.
Number of acres of Carey land open to entry: 50,909.86*.
Number of acres of Carey land open to entry susceptible to irrigation: 38,018.67*.

*NOTE: These figures should be reduced in amount by lands under the K. R. T. and a part of the "A–n" system amounting to approximately 22,158.67 acres of land not open to entry.

Amount of water per acre required to be furnished by Carey Board: 18".
Amount of water per acre actually required by land: 12.2" season of 1914.
Method of measuring water to the farm units: Cipolletti and rectangular weirs and submerged orifices.

Method of record of water delivery: Written application for water is made by user on blanks furnished by the Company. These blanks are left in tin boxes on user's headgate and are taken up by the Ditch Rider and sent to the Water Master's office together with

Rider's report of delivery. The same method is pursued in shutting off water, the Rider using in addition a special report showing any changes or interruptions in flow of water from original report. The combination of these reports dates time and amount of water used. All records are kept by name and description of the land. Certified summary of deliveries are made monthly by riders.

Amount charged per acre for maintenance as per contract with state: 50 cents.

Actual cost of maintenance per acre:

Actual cost per acre for	1912	1913	1914
	$.48	$.95	$.92

Carey Land Act Board,
Helena, Montana.

Dear Sir:

In addition to the enclosed statement of the Valier-Montana Land & Water Company, I wish to call your attention to * * * our 1914 crop and improvement census, copy of which you will find attached to this letter.

You will note the acreage farmed in 1914 as against 1913 has increased in acreage 6,050 acres. Stock of all kinds show nearly double, and hogs show 5,135 as against 1,884, an increase in the year of 3,251. General farm improvement has also shown a great gain.

We know of no dissatisfaction on the project, the farmers and the Company, working together as never before, all fully appreciating that neither can be successful without the co-operation of the other. We have continued the policy of having our engineer run out the farmers ditches, often having a man go out and help in building the ditches at no cost to the settler. We also have men each season who cover the project, showing the farmer how to best irrigate his land, and give them every aid possible to get started in the right way. We have found that this not only helps the farmer, but also the Company, as it insures the farmer raising a crop, placing him in position to meet his payments on water contracts when due. * * * Land this year has required more water per acre than ever before, due to the dryness of the season, and the hot winds that prevailed all through the month of July. We find the duty to have been 12.2 inches for the season of 1914.

Hoping that these statements will be found complete enough for your requirements, I am,

Yours very truly,

W. L. CAMPBELL,

Assistant General Manager

TETON PROJECT.

This project is officially known as Montana Segregation List No. 10 and contains 55,353.82 acres of Carey land at this time. It is located only a short distance from the Valier Project and upon practically the same character of soil. It is on a rolling bench but not as irregular as the Valier lands.

The people of Brady, Montana, are very anxious to have something done with this segregation and have so petitioned the Carey Board. This petition was presented and the entire matter taken up personally with Commissioner Tallman of the General Land Office and we have every reason to believe, that as soon as reports on the water supply available for the project can be made, including the flow for 1914, we can expect prompt and definite action by the Washington authorities. These water reports will probably be in the General Land Office before this report is off the press.

The Statement of the Company follows:

STATEMENT OF THE TETON PROJECT.

Name of project: The Teton Project.
Name of company: The Teton Co-Operative Reservoir Company.
Postoffice address: Helena, Montana.
County in which lands are situated: Teton County.
Description of location:
    Altitude: 4,100 feet.
    Topography: Gently rolling prairie land:
    Soil: Sandy loam.
Description of water supply:
    Stream or streams from which water supply is obtained: Flood waters of Teton River: Blackleaf and Muddy Creeks.
    Whether running water or floods or both: Both.
    Number of reservoirs with area and capacity of each: Capacity reservoir, 106,700 acre feet; area, 4,160 acres.
Canals leading from stream to land or reservoir:
    Teton Diversion: Length 3½ miles, size 58 feet at water line, capacity 1,090 second feet.
    South Fork or Muddy Diversion: 1⅛ miles, size 68 feet, capacity 866 second feet.
    North Fork or Blackleaf: 5 miles, size 28 feet, capacity 250 second feet.
Length of main canal from reservoir completed: None.
Length of main canal from reservoir to be built: 59 miles.
Length of main laterals completed: None.
Length of main laterals to be built: Not determined.
Length of distributing laterals completed: None.
Length of distributing laterals to be built: Not determined.
Total length of canals and laterals completed: Teton Diversion, 3½ miles.
Total length of canals and laterals to be built: Not determined.
General description of project:
    Character of construction: Earth dam, rolled and puddled.
    Number and character of structures: Concrete outlet pipe to reservoir.
    Total expenditures to October 31, 1912: $213,658.60.
Price of water right per acre for Carey Act lands: Not known.
Price of water right per acre for lands owned by company: No lands owned by company.
Total number of acres within boundaries of project: 55,000 acres.
Total number of acres susceptible of irrigation for Carey: 42,000 acres.
Total number of acres to be actually irrigated by system: 42,000 acres.
Number of acres of Carey land open to entry: All of project.
Number of acres of Carey land open to entry susceptible of irrigation: 42,000.
Amount of water per acre required to be furnished by Carey Land Act Board: Not determined.
Amount of water per acre actually required by the land: Not decided.

FLATWILLOW PROJECT.

This project is officially known as Montana Segregation List No. 21, and consists of 7,768.80 acres of fertile bench lands in eastern Fergus county. Segregation has been approved. Contract has been entered into between the company and the Carey Board and some work has already been done.

The statement of the Company follows:

STATEMENT OF FLATWILLOW PROJECT.

Name of project: The Flat Willow Project.
Name of Company: Fergus County Land and Irrigation Company.
Postoffice address: Lewistown, Montana.
County in which lands are situated: Eastern Fergus County, Montana.
Description of location:
  Altitude: 3,000 feet.
  Topography: Level to undulating.
  Soil: A sandy loam mixed with clay.

Description of water supply:
  Stream or streams from which water supply is obtained: Flat Willow creek.
  Whether running or flood waters or both: Both running and flood waters.
  Number of reservoirs with area and capacity of each: One reservoir, area 1,000 acres, capacity, 20,000 acre feet.
  Water otherwise appropriated on the stream or streams: None.

Canal leading from stream to reservoir:
  Length: Nearly two miles long.
  Size: 20 foot on bottom, 30 foot on top, 5 foot deep.
  Capacity: Grade one-eighth inch to the rod.

Length of main canal from reservoir completed: None.
Length of main canal from reservoir to be built: 14 miles.
Length of main laterals completed: None.
Length of main laterals to be built: 12 miles
Length of distributing laterals completed: 2 miles.
Total length of canals and laterals completed: Main canal 2 miles.
Total length of canals and laterals to be built: 26 miles.
General description of project:
  Character of construction: Earth dam, 60 feet high, 1,000 feet long.
  Main intake ditch completed, distributing laterals ordinary width.
  Number and character of structures: 1 steel flume 1,500 feet long.
  Engineering difficulties: Constructing a permanent and safe earth dam is the only engineering difficulty.
  Total expenditures to October 31, 1914: $30,000.00.

Price of water right per acre for Carey Act lands: $50.00 per acre.
Price of water right per acre for lands other than company or Carey lands: Not yet determined.
Terms of payment on water contracts: 10 years:
Total number of acres within the boundaries of project: 7,768.80.
Total number of acres susceptible of irrigation for

  Carey: 7,768.80.
  Private: 15,000.
  Railroad: 2,000.
  State: 1,280.

Total number of acres to be actually irrigated by project: 26,048.80.
What necessities for drainage system have arisen: No drainage required.
What drainage is contemplated: Land slope is sufficient to give ample drainage.
What character of drainage has been adopted and to what extent in actual construction: None.
Number of acres of Carey land filed on: 7,768.80 approved Project No. 21.
Number of acres of Carey land filed on susceptible of irrigation: All.
Number of acres of Carey land open to entry: None as yet.
Amount of water per acre required to be furnished by Carey Board: 1½ acre feet.
Amount of water per acre actually required by the land: 1 acre foot.

November 23, 1914. FERGUS LAND AND IRRIGATION COMPANY.
By DAVID HILGER.

LITTLE MISSOURI PROJECT.

This project is officially known as Montana Segregation List No. 22, and contains 20,607.98 acres of Carey land at this time. It is located in the Little Missouri river valley in the southeastern corner of the state. The segregation has been approved. Contract has been entered into between the Company and the Carey Board and approximately 110,000 yards of earth moved the past fall before cold weather stopped operations.

The statement of the company follows:

STATEMENT OF LITTLE MISSOURI PROJECT, Dec. 1, 1914.

Name of project: Little Missouri Irrigation Project, Mont. Seg. 22.
Name of company: Little Missouri Land & Irrigation Co.
Postoffice address: Butte, Mont., and Albion, Fallon County, Mont.
County in which lands are situated: Fallon County, Montana.
Description of location:

Altitude: 3,000 feet.
Topography: Comparatively level with a gentle slope of about 12 feet to the mile towards the Little Missouri River.
Soil: Heavy clay and loam.

Water supply: Will be obtained from the Little Missouri River and Cotton Wood Creek; the flood as well as running waters will be impounded in a reservoir now being constructed upon Cottonwood creek.
Canal: A canal diverting the waters of the Little Missouri river to the reservoir will, when completed, be 4½ miles in length; 17 feet in width on bottom, 37 feet at top; will carry 500 second feet of water.
Reservoir when completed will have total capacity of 20,000 acre feet.
Length of main canal from reservoir completed, between 2 and 3 miles; when completed about 25 miles.
No laterals yet completed; unable to give accurate details as to number of miles when completed.
General description:
Main reservoir dam: Earth construction; face riprapped with rock; reinforced concrete conduit outlet 4x5 feet in clear; now completed.
Main dam across the Little Missouri river to be solid reinforced concrete structure.
Engineering difficulties: None.
Total estimated cost of project: $500,000.00.
Total expenditure to December 1: $50,000.00.
Price of water right per acre for Carey lands: $40.00.
Company owns no lands.
Price of water per acre for privately owned lands: $40.00.
Terms of payment: Ten equal annual installments, interest on deferred payments 6 per cent per annum.
Total number of acres within boundaries of project: Approximately 26,000.
Carey: 20,607.
Private: Between 5,000 and 6,000.
Nearest railroad: Chicago & N. W. Ry. Belle Fourche, S. D.
Total number of acres to be actually irrigated, between 25,000 and 26,000.

No drainage system has yet been contemplated; the land to be irrigated lies at such an uniform grade, with occasional small draws leading to the river that it is the opinion of the U. S. Government engineer, as well as others whom we have employed, that in all probability no comprehensive system of drainage will ever be required.

None of the Carey land has yet been filed upon, nor is any of it open for filing; it being the intention of the company not to ask to have any of the land thrown open for location until the present work is completed and water available for the irrigation of approximately 10,000 is at hand. This we expect to have ready early next season.

Amount of water to be furnished per acre as required by Carey Board 1½ acre ft. per acre.

Amount actually required, not yet demonstrated on project, but on similar lands where small tracts have been irrigated, one acre foot has been found sufficient.

Method of measuring water is not yet adopted, but will be subject to approval of Carey Board.

Amount of annual charge for maintenance fee allowed by Carey Board 50 cents per acre. No charge yet been established.

Little Missouri Land & Irrigation Co.,
By T. T. LYON, Secretary.

BEAVERHEAD PROJECT.

This is a temporary withdrawal undergoing investigation preparatory to a possible application for final segregation list being presented the Secretary of the Interior for approval, and contains 8,031.20 acres. Surveys have been made and we are now awaiting the final report as to the findings and intentions of the Company. This withdrawal contains part of two cancelled segregations, but by entirely new people.

MUSSELSHELL PROJECT.

This project was known as List No. 13, consisting of 20,334.21 acres in upper Musselshell valley but has been cancelled.

RUBY PROJECT.

This project was known as List No. 16, consisting of 6,825.01 acres between the Ruby and Beaverhead rivers but has been cancelled.

SUMMARY OF PROJECTS.

	Acres
Billings project, approved list No. 1	10,472.88
Big Timber project, approved list No. 2	7,864.78
Big Timber project, approved list No. 3	1,320.08
Billings project, approved list No. 7	3,361.75
Valier project, approved list No. 8	60,461.41
Big Timber project, approved list No. 9	1,360.00
Teton project, pending list No. 10	55,353.83
Big Timber project, approved list No. 11	1,709.32
Valier project, approved list No. 12	3,596.58
Valier project, approved list No. 14	21,522.15
Flatwillow project, approved list No. 21	7,768.80
Little Missouri project, approved list No. 22	20,607.98
Beaverhead project, pending list No. 23	8,031.20
Total	203,430.76

RELINQUISHMENTS.

	Acres.
List 10 of Teton project, March 30, 1914	40.00
List 7 of Billings project, November 14, 1913	262.96
List 7 of Billings project, April 10, 1914	960.52
List 3 of Big Timber project, May 6, 1914	9,833.65
List 13 of Musselshell project, September 26, 1914	20,334.21
List 16 of Ruby project, February 11, 1914	6,825.01
List 22 of Little Missouri project, March 24, 1913	14.93
Total	38,271.28

	Acres.
Amount segregated according to Fifth Biennial Report	233,670.84
Amount relinquished during the last two years	38,271.28
	195,399.56
Acreage segregated during last two years	8,031.20
Total amount segregated November 30, 1914	203,430.76

APPROVED CAREY LAND SALES.

	Acres.
Billings project	10,112.88
Big Timber project	4,894.94
Valier project	32,760.49
Total	47,768.31

UNITED STATES PATENTS ISSUED TO STATE OF MONTANA.

	Acres.
On Billings project	12,436.93
On Big Timber project	7,356.12
Total	19,793.05

PATENTS ISSUED BY STATE TO SETTLERS.

	Acres.
On Billings project	6,956.14
On Big Timber project	3,299.32
Total	10,255.46

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NOTE—(misc.), refers to miscellaneous measurements made at points other than regular gaging stations.